

Table 1. Total Energy Supply and Disposition Summary (1 of 2)
(Quadrillion Btu per Year, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-
Production																							
Crude Oil & Lease Condensate	12.43	12.33	12.37	12.39	12.03	11.65	11.38	11.27	11.27	11.11	10.93	10.81	10.76	10.80	11.36	11.65	12.00	12.24	12.39	12.40	12.21	12.30	0.0%
Natural Gas Plant Liquids	2.62	2.71	2.57	2.69	2.98	3.03	3.07	3.14	3.22	3.31	3.36	3.45	3.53	3.59	3.66	3.75	3.82	3.89	3.91	4.00	4.05	4.09	2.1%
Dry Natural Gas	19.20	19.59	19.80	20.15	20.86	21.34	21.67	22.28	22.86	23.59	24.00	24.70	25.33	25.83	26.43	27.10	27.65	28.12	28.37	28.97	29.35	29.72	2.1%
Coal	23.15	22.58	24.21	23.70	24.11	24.56	25.10	25.63	26.19	26.35	26.52	26.69	26.81	27.10	27.33	27.53	27.72	28.08	28.67	28.94	29.44	30.08	1.4%
Nuclear Power	7.74	8.03	8.15	8.13	8.08	8.09	8.10	8.11	7.92	7.90	7.91	7.87	7.81	7.75	7.71	7.68	7.55	7.55	7.49	7.49	7.49	7.49	-0.3%
Renewable Energy 1/	6.69	6.46	6.04	6.86	7.17	7.21	7.49	7.60	7.72	7.79	7.95	8.08	8.22	8.32	8.44	8.59	8.72	8.86	8.97	9.12	9.26	9.37	1.9%
Other 2/	1.66	1.10	1.07	0.91	0.63	0.65	0.68	0.58	0.76	0.55	0.57	0.56	0.65	0.72	0.78	0.68	0.88	0.93	0.90	0.90	0.55	0.73	-2.0%
Total	73.50	72.80	74.21	74.84	75.86	76.64	77.47	78.60	79.93	80.80	81.24	82.15	83.11	84.11	85.72	87.20	88.33	89.68	90.69	91.82	92.36	93.79	1.3%
Imports																							
Crude Oil 3/	18.96	19.69	19.69	20.84	20.56	21.78	22.91	23.35	24.05	24.57	24.94	25.30	25.53	25.58	25.14	24.94	24.68	24.52	24.48	24.61	24.97	25.04	1.2%
Petroleum Products 4/	4.19	4.73	4.90	4.63	5.68	5.90	6.02	6.56	6.98	7.35	8.11	8.76	9.45	10.24	10.86	11.43	12.05	12.61	13.35	13.97	14.92	15.41	6.1%
Natural Gas	3.66	3.85	4.00	4.12	4.48	4.84	5.13	5.32	5.63	5.70	5.90	6.09	6.27	6.42	6.53	6.64	6.74	6.79	6.87	6.92	6.96	6.97	3.0%
Other Imports 5/	0.56	0.78	0.85	0.86	1.03	1.14	1.09	1.07	1.04	1.04	1.06	1.10	1.11	1.11	1.13	1.14	1.20	1.19	1.19	1.20	1.20	1.22	2.4%
Total	27.37	29.04	29.44	30.48	31.75	33.57	35.19	36.32	37.32	38.68	39.99	41.21	42.35	43.35	43.66	44.16	44.67	45.12	45.87	46.70	48.04	48.64	2.6%
Exports																							
Petroleum 6/	1.96	2.15	2.05	2.05	1.69	1.70	1.71	1.82	1.87	1.89	1.92	1.96	1.96	1.99	2.02	2.05	2.08	2.12	2.15	2.17	2.18	2.21	0.1%
Natural Gas	0.16	0.25	0.24	0.27	0.31	0.35	0.41	0.46	0.53	0.61	0.62	0.63	0.64	0.65	0.66	0.66	0.66	0.65	0.64	0.62	0.60	0.56	4.2%
Coal	1.52	1.53	1.39	1.44	1.42	1.41	1.41	1.42	1.42	1.43	1.44	1.44	1.44	1.44	1.46	1.46	1.34	1.35	1.36	1.37	1.37	1.37	-0.5%
Total	3.64	3.93	3.67	3.76	3.42	3.46	3.53	3.69	3.82	3.92	3.97	4.03	4.04	4.08	4.13	4.17	4.08	4.12	4.15	4.16	4.15	4.14	0.3%
Discrepancy 7/	0.13	-1.38	1.68	0.21	-0.30	-0.11	0.05	0.02	0.09	0.16	0.22	0.25	0.18	0.20	0.17	0.25	0.21	0.17	0.14	0.12	0.00	0.04	N/A
Consumption																							
Petroleum Products 8/	38.25	38.62	38.53	38.84	40.01	41.08	42.07	42.94	43.99	44.93	45.97	46.96	48.04	48.98	49.86	50.68	51.43	52.16	52.98	53.85	54.79	55.60	1.8%
Natural Gas	22.57	23.44	22.80	24.62	25.53	26.19	26.64	27.28	27.89	28.62	29.11	29.88	30.72	31.37	32.07	32.81	33.45	34.03	34.35	35.02	35.45	35.87	2.2%
Coal	21.56	22.33	22.37	22.49	23.18	23.65	24.20	24.75	25.32	25.48	25.66	25.84	25.97	26.27	26.50	26.71	27.02	27.39	27.98	28.26	28.78	29.41	1.4%
Nuclear Power	7.74	8.03	8.15	8.13	8.08	8.09	8.10	8.11	7.92	7.90	7.91	7.87	7.81	7.75	7.71	7.68	7.55	7.55	7.49	7.49	7.49	7.49	-0.3%
Renewable Energy 1/	6.70	6.48	6.06	6.88	7.17	7.22	7.48	7.60	7.72	7.89	7.95	8.07	8.23	8.33	8.45	8.60	8.73	8.87	8.98	9.13	9.27	9.38	1.9%
Other 9/	0.28	0.39	0.39	0.36	0.51	0.52	0.59	0.54	0.45	0.44	0.45	0.48	0.48	0.48	0.49	0.53	0.51	0.50	0.50	0.48	0.48	0.48	1.1%
Total	97.10	99.29	98.30	101.32	104.49	106.85	109.09	111.32	113.34	115.18	117.05	119.07	121.24	123.18	125.08	126.93	128.70	130.51	132.29	134.24	136.25	138.24	1.7%
Net Imports - Petroleum	21.19	22.28	22.55	23.42	24.55	25.99	27.22	28.09	28.85	30.03	31.13	32.09	33.02	33.83	33.97	34.33	34.65	35.01	35.66	36.41	37.70	38.25	2.7%
Prices (2000 dollars per unit)																							
World Oil Price (dollars per barrel) 10/	17.60	27.72	22.48	21.17	22.51	22.75	22.93	23.12	23.30	23.49	23.70	23.87	24.05	24.25	24.44	24.64	24.82	25.03	25.22	25.41	25.62	25.81	-0.4%
Natural Gas Wellhead Price (dollars per Mcf) 11/	2.27	3.60	3.94	1.99	2.40	2.66	2.78	2.87	2.99	3.17	3.25	3.31	3.35	3.36	3.34	3.33	3.36	3.42	3.51	3.59	3.64	3.65	0.1%
Coal Minemouth Price (dollars per ton)	17.01	16.45	16.18	15.89	15.75	15.53	15.12	14.84	14.62	14.42	14.24	14.04	13.84	13.80	13.72	13.67	13.51	13.45	13.40	13.32	13.28	13.23	-1.1%
Average Electricity (cents per kilowatt-hour)	6.1	6.9	7.1	6.8	6.6	6.6	6.6	6.5	6.5	6.6	6.7	6.7	6.8	6.8	-0.1%								

1/ Includes grid-connected electricity from conventional hydroelectric, wind and wood waste; landfill gas; municipal solid waste; other biomass; wind; photovoltaic and solar thermal sources; non-electric energy from renewable sources, such as active and passive solar systems, and wood; and both the ethanol and gasoline components of E85, but not the ethanol components of blends less than 85 percent. Excludes electricity imports using renewable sources and nonmarketed renewable energy. See Table 18 for selected nonmarketed residential and commercial renewable energy.

2/ Includes liquid hydrogen, methanol, supplemental natural gas, and some domestic inputs to refineries.

3/ Includes imports of crude oil for the Strategic Petroleum Reserve.

4/ Includes imports of finished petroleum products, imports of unfinished oils, alcohols, ethers, and blending components.

5/ Includes coal, coal coke (net), and electricity (net).

6/ Includes crude oil and petroleum products.

7/ Balancing item. Includes unaccounted for supply, losses, gains, net storage withdrawals, and heat loss when natural gas is converted to liquid fuel.

Table 1. Total Energy Supply and Disposition Summary (2 of 2)
(Quadrillion Btu per Year, Unless Otherwise Noted)

8/ Includes natural gas plant liquids, crude oil consumed as a fuel, and nonpetroleum-based liquids for blending, such as ethanol.
9/ Includes net electricity imports, methanol, and liquid hydrogen.

10/ Average refined acquisition cost for imported crude oil.

11/ Represents lower 48 onshore and offshore supplies.

Btu = British thermal unit.

Mcf = Thousand cubic feet.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.

Sources: 1999 natural gas values: Energy Information Administration (EIA), Natural Gas Annual, DOE/EIA-0131(99) (Washington, DC, October 2000). 1999 coal
minemouth prices: EIA, Coal Industry Annual 1999, DOE/EIA-0584(99) (Washington, DC, June 2001). Other 1999 values: EIA, Annual Energy Review 2000, DOE/EIA-0384(2000)
(Washington, DC, August 2001). 2000 natural gas values: EIA, Natural Gas Monthly, DOE/EIA-0130(2001.06) (Washington, DC, June 2001). 2000 petroleum values: EIA,
Natural Gas Monthly, DOE/EIA-0130(2001.06) (Washington, DC, June 2001). 2000 petroleum values: EIA, Petroleum Supply Annual 2000, DOE/EIA-0340(2000)/1
(Washington, DC, June 2001). Other 2000 values: EIA, Annual Energy Review 2000, DOE/EIA-0384(2000) (Washington, DC, August 2001) and EIA, Quarterly Coal
Report, DOE/EIA-0121(2000.4Q) (Washington, DC, October-December 2000). Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 2. Energy Consumption by Sector and Source (1 of 3)
(Quadrillion Btu per Year, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020	
Energy Consumption																								
Residential																								
Distillate Fuel	0.81	0.82	0.87	0.86	0.87	0.86	0.85	0.84	0.83	0.82	0.80	0.79	0.78	0.78	0.77	0.76	0.75	0.74	0.74	0.73	0.73	0.73	-0.6%	
Kerosene	0.11	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	-1.5%	
Liquefied Petroleum Gas	0.53	0.47	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.43	0.43	0.42	0.42	0.41	0.41	0.41	0.41	-0.7%	
Petroleum Subtotal	1.46	1.38	1.40	1.39	1.39	1.39	1.37	1.36	1.34	1.34	1.32	1.30	1.29	1.28	1.27	1.25	1.24	1.23	1.22	1.21	1.20	1.20	-0.7%	
Natural Gas	4.86	5.14	5.19	5.38	5.50	5.55	5.54	5.57	5.60	5.64	5.65	5.68	5.74	5.81	5.86	5.91	5.97	6.03	6.06	6.11	6.17	6.25	1.0%	
Coal	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.6%	
Renewable Energy 1/	0.40	0.43	0.42	0.43	0.43	0.43	0.43	0.43	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.45	0.45	0.45	0.45	0.45	0.45	0.46	0.4%	
Electricity	3.91	4.07	4.20	4.30	4.45	4.55	4.63	4.69	4.75	4.83	4.88	4.95	5.03	5.12	5.19	5.28	5.37	5.46	5.53	5.61	5.70	5.80	1.8%	
Delivered Energy	10.67	11.06	11.26	11.54	11.81	11.97	12.01	12.10	12.18	12.29	12.34	12.43	12.56	12.72	12.81	12.94	13.08	13.23	13.31	13.43	13.57	13.76	1.1%	
Electricity Related Losses	8.44	8.79	8.99	9.20	9.52	9.62	9.74	9.81	9.78	9.81	9.81	9.83	9.86	9.86	9.85	10.04	10.13	10.23	10.33	10.41	10.51	10.62	10.75	1.0%
Total	19.10	19.85	20.25	20.74	21.33	21.59	21.75	21.81	21.86	22.09	22.14	22.27	22.42	22.67	22.85	23.07	23.31	23.56	23.72	23.94	24.19	24.51	1.1%	
Commercial																								
Distillate Fuel	0.42	0.38	0.40	0.40	0.41	0.41	0.42	0.42	0.42	0.42	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.7%	
Residual Fuel	0.09	0.14	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.14	0.14	0.14	0.14	0.1%	
Kerosene	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	1.4%	
Liquefied Petroleum Gas	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10	1.1%	
Motor Gasoline 2/	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	-0.5%	
Petroleum Subtotal	0.65	0.65	0.64	0.65	0.66	0.67	0.67	0.68	0.68	0.69	0.70	0.71	0.71	0.71	0.71	0.72	0.72	0.72	0.72	0.73	0.73	0.73	0.6%	
Natural Gas	3.14	3.36	3.41	3.53	3.66	3.74	3.77	3.81	3.86	3.91	3.96	4.02	4.09	4.16	4.23	4.31	4.38	4.46	4.52	4.59	4.66	4.74	1.7%	
Coal	0.07	0.07	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.8%	
Renewable Energy 3/	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.0%	
Electricity	3.77	3.90	4.00	4.07	4.20	4.33	4.46	4.58	4.70	4.83	4.95	5.08	5.20	5.33	5.46	5.60	5.72	5.84	5.96	6.07	6.18	6.29	2.4%	
Delivered Energy	7.70	8.07	8.18	8.38	8.66	8.88	9.04	9.21	9.40	9.57	9.75	9.95	10.15	10.35	10.56	10.77	10.98	11.17	11.36	11.54	11.73	11.92	2.0%	
Electricity Related Losses	8.13	8.43	8.56	8.70	8.99	9.15	9.37	9.57	9.68	9.80	9.94	10.08	10.21	10.37	10.56	10.74	10.90	11.04	11.22	11.37	11.52	11.65	1.6%	
Total	15.84	16.49	16.74	17.08	17.65	18.03	18.41	18.79	19.08	19.37	19.70	20.03	20.35	20.72	21.13	21.51	21.88	22.21	22.58	22.91	23.25	23.57	1.8%	
Industrial 4/																								
Distillate Fuel	1.08	1.11	1.10	1.11	1.14	1.18	1.20	1.21	1.23	1.25	1.28	1.30	1.33	1.34	1.36	1.38	1.40	1.42	1.44	1.47	1.50	1.53	1.6%	
Liquefied Petroleum Gas	2.26	2.36	2.20	2.37	2.47	2.54	2.59	2.62	2.72	2.76	2.82	2.88	3.01	3.09	3.17	3.21	3.25	3.24	3.30	3.34	3.43	3.45	1.9%	
Petrochemical Feedstocks	1.31	1.32	1.15	1.29	1.34	1.38	1.41	1.44	1.48	1.51	1.55	1.57	1.62	1.65	1.67	1.69	1.71	1.72	1.74	1.76	1.78	1.81	1.6%	
Residual Fuel	0.25	0.27	0.19	0.16	0.15	0.17	0.19	0.21	0.22	0.25	0.27	0.26	0.24	0.26	0.26	0.27	0.28	0.28	0.28	0.28	0.28	0.29	0.4%	
Motor Gasoline 2/	0.15	0.22	0.22	0.22	0.23	0.23	0.24	0.24	0.24	0.24	0.25	0.25	0.26	0.26	0.26	0.27	0.27	0.28	0.28	0.29	0.29	0.30	1.7%	
Other Petroleum 5/	4.35	3.96	3.97	4.12	4.27	4.35	4.45	4.55	4.70	4.74	4.87	4.96	5.08	5.07	5.10	5.16	5.21	5.25	5.28	5.36	5.43	5.49	1.6%	
Petroleum Subtotal	9.40	9.23	8.83	9.28	9.60	9.84	10.08	10.27	10.59	10.77	11.02	11.23	11.51	11.68	11.83	11.98	12.11	12.18	12.32	12.50	12.71	12.86	1.7%	
Natural Gas 6/	9.95	9.79	9.04	9.96	10.25	10.46	10.65	10.91	11.11	11.30	11.44	11.63	11.80	11.90	12.03	12.18	12.31	12.54	12.61	12.80	12.89	13.12	1.5%	
Metallurgical Coal	0.75	0.77	0.71	0.72	0.71	0.70	0.69	0.68	0.67	0.66	0.64	0.63	0.62	0.61	0.60	0.59	0.58	0.57	0.56	0.55	0.54	0.54	-1.8%	
Steam Coal	1.69	1.69	1.69	1.68	1.70	1.74	1.77	1.79	1.82	1.84	1.86	1.89	1.90	1.91	1.91	1.91	1.93	1.94	1.97	1.99	2.02	2.04	0.9%	
Net Coal Coke Imports	0.06	0.06	0.05	0.06	0.06	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.20	0.21	0.22	0.23	0.24	6.8%	
Coal Subtotal	2.50	2.53	2.45	2.43	2.48	2.53	2.56	2.59	2.62	2.64	2.65	2.66	2.68	2.70	2.70	2.71	2.73	2.73	2.75	2.77	2.80	2.82	0.5%	
Renewable Energy 7/	2.29	2.41	2.41	2.51	2.58	2.67	2.76	2.83	2.92	2.95	3.00	3.07	3.16	3.23	3.30	3.37	3.43	3.50	3.57	3.65	3.72	3.79	2.3%	
Electricity	3.81	3.85	3.49	3.54	3.68	3.80	3.92	4.04	4.19	4.30	4.39	4.51	4.63	4.72	4.80	4.88	4.97	5.04	5.14	5.24	5.35	5.45	2.0%	
Delivered Energy	27.75	27.82	26.22	27.73	28.59	29.30	29.97	30.64	31.44	31.94	32.51	33.10	33.79	34.22	34.66	35.12	35.52	35.99	36.39	36.96	37.47	38.04	1.6%	
Electricity Related Losses	7.80	7.89	7.48	7.59	7.87	8.04	8.28	8.45	8.62	8.72	8.82	8.95	9.09	9.17	9.29	9.37	9.46	9.54	9.68	9.81	9.97	10.09	1.2%	
Total	35.54	35.50	33.69	35.32	36.46	37.34	38.22	39.09	40.07	40.66	41.32	42.05	42.87	43.39	43.95	44.49	44.98	45.53	46.07	46.77	47.45	48.12	1.5%	

Table 2. Energy Consumption by Sector and Source (2 of 3)
(Quadrillion Btu per Year, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-
Transportation																							
Distillate Fuel 8/	5.16	5.42	5.60	5.71	5.94	6.20	6.46	6.66	6.91	7.12	7.35	7.59	7.85	8.06	8.28	8.44	8.60	8.77	8.95	9.14	9.34	9.52	2.9%
Jet Fuel 9/	3.46	3.58	3.49	3.58	3.69	3.82	3.95	4.07	4.21	4.35	4.51	4.67	4.85	5.00	5.14	5.30	5.45	5.62	5.79	5.97	6.16	6.33	2.9%
Motor Gasoline 2/	15.86	16.05	16.19	16.53	17.02	17.43	17.82	18.19	18.58	18.99	19.40	19.80	20.20	20.60	20.97	21.30	21.61	21.92	22.23	22.53	22.86	23.14	1.8%
Residual Fuel	0.93	1.14	1.03	1.06	1.06	1.07	1.07	1.07	1.08	1.08	1.08	1.09	1.09	1.09	1.10	1.10	1.10	1.10	1.11	1.11	1.11	1.12	-0.1%
Liquefied Petroleum Gas	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	5.0%
Other Petroleum 10/	0.22	0.22	0.24	0.24	0.25	0.25	0.26	0.26	0.27	0.27	0.27	0.28	0.28	0.29	0.29	0.30	0.30	0.30	0.31	0.31	0.31	0.31	1.7%
Petroleum Subtotal	25.65	26.42	26.58	27.15	27.99	28.79	29.59	30.29	31.06	31.84	32.66	33.46	34.30	35.07	35.79	36.46	37.10	37.76	38.43	39.11	39.82	40.47	2.2%
Pipeline Fuel Natural Gas	0.75	0.79	0.79	0.78	0.80	0.81	0.81	0.83	0.84	0.86	0.87	0.89	0.91	0.92	0.94	0.96	0.98	0.99	1.00	1.02	1.03	1.04	1.4%
Compressed Natural Gas	0.02	0.02	0.03	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.13	0.14	0.14	0.15	0.15	10.2%
Renewable Energy (EBS) 11/	0.01	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	5.5%
Liquid Hydrogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA
Electricity	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.11	0.11	3.2%
Delivered Energy	26.49	27.32	27.49	28.05	28.92	29.74	30.55	31.28	32.08	32.89	33.73	34.57	35.44	36.23	36.98	37.88	38.35	39.03	39.73	40.43	41.17	41.83	2.2%
Electricity Related Losses	0.13	0.13	0.13	0.14	0.14	0.14	0.15	0.15	0.15	0.15	0.16	0.16	0.16	0.17	0.17	0.18	0.18	0.18	0.19	0.20	0.20	0.21	2.4%
Total	26.61	27.45	27.62	28.18	29.06	29.88	30.70	31.43	32.24	33.05	33.89	34.73	35.60	36.40	37.15	37.86	38.53	39.22	39.92	40.63	41.37	42.04	2.2%
Delivered Energy Consumption, All Sectors																							
Distillate Fuel	7.47	7.73	7.97	8.08	8.36	8.65	8.93	9.13	9.38	9.61	9.86	10.11	10.39	10.61	10.82	11.00	11.18	11.36	11.56	11.78	12.00	12.21	2.3%
Kerosene	0.15	0.14	0.14	0.14	0.14	0.14	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	-0.6%
Jet Fuel 9/	3.46	3.58	3.49	3.58	3.69	3.82	3.95	4.07	4.21	4.35	4.51	4.67	4.85	5.00	5.14	5.30	5.45	5.62	5.79	5.97	6.16	6.33	2.9%
Liquefied Petroleum Gas	2.90	2.93	2.73	2.92	3.02	3.09	3.14	3.18	3.28	3.32	3.39	3.45	3.57	3.66	3.74	3.77	3.81	3.80	3.86	3.90	3.98	4.01	1.6%
Motor Gasoline 2/	16.04	16.29	16.44	16.78	17.27	17.68	18.09	18.45	18.85	19.26	19.68	20.08	20.49	20.88	21.26	21.60	21.91	22.23	22.54	22.85	23.18	23.46	1.8%
Petrochemical Feedstocks	1.31	1.32	1.15	1.29	1.34	1.38	1.41	1.44	1.48	1.51	1.55	1.57	1.62	1.65	1.67	1.69	1.71	1.72	1.74	1.76	1.78	1.81	1.6%
Residual Fuel	1.26	1.54	1.33	1.33	1.33	1.35	1.37	1.40	1.42	1.45	1.47	1.47	1.45	1.48	1.49	1.50	1.51	1.51	1.52	1.53	1.53	1.54	0.0%
Other Petroleum 12/	4.56	4.16	4.19	4.24	4.20	4.27	4.68	4.79	4.84	4.99	5.12	5.22	5.32	5.33	5.36	5.42	5.47	5.52	5.56	5.64	5.71	5.78	1.7%
Petroleum Subtotal	37.15	37.69	37.45	38.47	39.64	40.68	41.71	42.69	43.69	44.64	45.69	46.70	47.81	48.74	49.60	50.41	51.17	51.89	52.70	53.54	54.46	55.28	1.9%
Natural Gas 6/	18.71	19.11	18.46	19.68	20.24	20.61	20.82	21.18	21.48	21.78	22.00	22.32	22.65	22.90	23.17	23.49	23.77	24.15	24.34	24.67	24.91	25.31	1.4%
Metallurgical Coal	0.75	0.77	0.71	0.72	0.71	0.70	0.69	0.68	0.68	0.67	0.66	0.64	0.63	0.62	0.61	0.60	0.59	0.58	0.57	0.56	0.55	0.54	-1.8%
Steam Coal	1.80	1.80	1.80	1.76	1.81	1.85	1.88	1.91	1.94	1.96	1.98	1.99	2.01	2.03	2.03	2.04	2.05	2.07	2.09	2.12	2.15	2.17	0.9%
Net Coal Coke Imports	0.06	0.06	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.20	0.21	0.22	0.23	0.24	6.8%
Coal Subtotal	2.61	2.64	2.55	2.54	2.59	2.64	2.67	2.70	2.74	2.78	2.77	2.79	2.81	2.82	2.82	2.83	2.85	2.88	2.90	2.93	2.95	2.95	0.5%
Renewable Energy 13/	2.79	2.93	2.93	3.04	3.11	3.20	3.29	3.37	3.47	3.50	3.56	3.62	3.72	3.80	3.87	3.94	4.00	4.08	4.15	4.23	4.30	4.38	2.0%
Liquid Hydrogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA
Electricity	11.34	11.69	11.75	11.97	12.39	12.76	13.08	13.38	13.72	14.03	14.30	14.62	14.94	15.26	15.55	15.85	16.16	16.44	16.72	17.02	17.34	17.65	2.1%
Delivered Energy	72.60	74.06	73.14	75.70	77.88	79.89	81.67	83.23	85.11	86.70	88.32	90.05	91.93	93.52	95.02	96.52	97.93	99.42	100.78	102.36	103.94	105.56	1.8%
Electricity Related Losses	24.50	25.23	25.16	25.62	26.51	26.96	27.51	27.88	28.34	28.48	28.72	29.02	29.31	29.66	30.06	30.42	30.78	31.09	31.50	31.88	32.31	32.69	1.3%
Total	97.10	99.29	98.30	101.32	104.49	106.85	109.09	111.32	113.34	115.18	117.05	119.07	121.24	123.18	125.08	126.93	128.70	130.51	132.28	134.24	136.25	138.24	1.7%
Electricity Generators 14/																							
Distillate Fuel	0.09	0.08	0.10	0.08	0.07	0.07	0.07	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.08	0.2%
Residual Fuel	1.01	0.85	0.98	0.91	0.90	0.93	0.90	0.92	0.95	0.93	0.91	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	-5.8%
Petroleum Subtotal	1.10	0.93	1.08	0.97	0.97	0.99	0.96	0.97	0.99	0.98	0.96	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	-5.0%
Natural Gas	3.86	4.33	4.34	4.94	5.28	5.58	5.82	6.10	6.41	6.84	7.11	7.56	8.07	8.47	8.90	9.32	9.69	9.87	10.01	10.35	10.55	10.56	4.8%
Steam Coal	18.95	19.69	19.82	19.95	20.59	21.01	21.53	22.05	22.58	22.73	22.89	23.05	23.16	23.45	23.68	23.88	24.19	24.54	25.10	25.36	25.84	26.46	1.5%
Nuclear Power	7.74	8.03	8.15	8.13	8.08	8.09	8.10	8.11	7.92	7.90	7.91	7.87	7.81	7.75	7.71	7.68	7.55	7.55	7.49	7.49	7.49	7.49	-0.3%
Renewable Energy 15/	3.91	3.55	3.13	3.81	4.06	4.12	4.19	4.23	4.26	4.31	4.40	4.45	4.51	4.53	4.59	4.66	4.72	4.80	4.83	4.90	4.96	5.00	1.7%
Electricity Imports 16/	0.28	0.38	0.38	0.36	0.51	0.51	0.59	0.53	0.49	0.45	0.44	0.45	0.47	0.47	0.48	0.48	0.52	0.51	0.49	0.49	0.47	0.48	1.1%
Total	35.84	36.92	36.91	37.59	38.90	39.72	40.59	41.37	41.86	42.51	43.02	43.64	44.26	44.92	45.61	46.27	46.93	47.54	48.21	48.90	49.64	50.34	1.6%

Table 2. Energy Consumption by Sector and Source (3 of 3)
(Quadrillion Btu per Year, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Total Energy Consumption																							
Distillate Fuel	7.56	7.80	8.08	8.15	8.43	8.72	8.99	9.30	9.44	9.67	9.91	10.16	10.44	10.66	10.87	11.05	11.23	11.41	11.62	11.84	12.06	12.28	2.3%
Kerosene	0.15	0.14	0.14	0.14	0.14	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	-0.6%
Jet Fuel 3/	3.46	3.58	3.49	3.58	3.69	3.82	3.95	4.07	4.21	4.35	4.51	4.67	4.85	5.00	5.14	5.30	5.45	5.62	5.79	5.97	6.16	6.33	2.9%
Liquefied Petroleum Gas	2.90	2.93	2.73	2.92	3.02	3.09	3.14	3.18	3.28	3.32	3.39	3.45	3.57	3.66	3.74	3.77	3.81	3.80	3.86	3.90	3.98	4.01	1.6%
Motor Gasoline 2/	16.04	16.29	16.44	16.78	17.27	17.68	18.09	18.45	18.85	19.26	19.68	20.08	20.49	20.88	21.26	21.60	21.91	22.23	22.54	22.85	23.18	23.46	1.8%
Petrochemical Feedstocks	1.31	1.32	1.15	1.29	1.34	1.38	1.41	1.44	1.48	1.51	1.55	1.57	1.62	1.65	1.67	1.69	1.71	1.72	1.74	1.76	1.78	1.81	1.6%
Residual Fuel	2.27	2.40	2.31	1.65	1.63	1.68	1.67	1.68	1.69	1.70	1.68	1.63	1.68	1.68	1.69	1.71	1.72	1.73	1.74	1.77	1.79	1.80	-1.4%
Other Petroleum 12/	4.56	4.18	4.19	4.34	4.50	4.57	4.68	4.79	4.94	4.99	5.12	5.22	5.32	5.33	5.36	5.42	5.47	5.52	5.56	5.64	5.71	5.78	1.7%
Petroleum Subtotal	38.25	38.62	38.53	38.84	40.01	41.08	42.07	42.94	43.99	44.93	45.97	46.96	48.04	48.98	49.86	50.66	51.43	52.16	52.98	53.85	54.79	55.60	1.8%
Natural Gas	22.57	23.44	22.80	24.62	25.53	26.19	26.64	27.28	27.89	28.62	29.11	29.88	30.72	31.37	32.07	32.81	33.45	34.03	34.35	35.02	35.45	35.87	2.2%
Methanol 10/	0.75	0.77	0.71	0.72	0.71	0.70	0.69	0.68	0.68	0.67	0.66	0.64	0.63	0.62	0.61	0.60	0.59	0.58	0.57	0.56	0.55	0.54	-1.8%
Steam Coal	30.75	21.49	21.62	21.71	22.40	22.86	23.41	23.95	24.52	24.68	24.87	25.04	25.17	25.47	25.71	25.92	26.24	26.61	27.20	27.48	27.98	28.63	1.4%
Net Coal Coke Imports	0.06	0.06	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.20	0.20	0.21	0.22	0.23	0.24	0.24	6.8%
Coal Subtotal	21.56	22.33	22.37	22.49	23.18	23.65	24.20	24.75	25.32	25.48	25.66	25.84	25.97	26.27	26.50	26.71	27.02	27.39	27.98	28.26	28.76	29.41	1.4%
Nuclear Power	7.74	8.03	8.15	8.13	8.08	8.09	8.10	8.11	7.92	7.90	7.91	7.87	7.81	7.75	7.71	7.68	7.55	7.55	7.49	7.49	7.49	7.49	-0.3%
Renewable Energy 17/	6.70	8.48	6.06	6.88	7.17	7.32	7.48	7.60	7.72	7.80	7.95	8.07	8.23	8.33	8.45	8.50	8.73	8.87	8.98	9.13	9.27	9.38	1.9%
Liquid Hydrogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Electricity Imports 16/	0.28	0.38	0.38	0.36	0.51	0.51	0.59	0.53	0.49	0.45	0.44	0.45	0.47	0.47	0.47	0.48	0.52	0.51	0.49	0.49	0.47	0.48	1.1%
Total	97.10	99.20	98.30	101.32	104.49	106.85	109.09	111.22	113.34	115.18	117.05	119.07	121.24	123.18	125.08	126.93	128.70	130.51	132.28	134.24	136.25	138.24	1.7%
Energy Use & Related Statistics																							
Delivered Energy Use	72.60	74.06	73.14	75.70	77.58	79.89	81.57	83.23	85.11	86.70	88.32	90.05	91.93	93.52	95.02	96.52	97.93	99.42	100.78	102.36	103.94	105.56	1.8%
Total Energy Use	97.10	99.20	98.30	101.32	104.49	106.85	109.09	111.22	113.34	115.18	117.05	119.07	121.24	123.18	125.08	126.93	128.70	130.51	132.28	134.24	136.25	138.24	1.7%
Population (millions)	273.25	275.69	278.18	282.38	284.87	287.96	291.04	294.12	297.20	300.29	303.39	306.50	309.63	312.78	315.97	319.18	322.41	325.65	328.90	332.16	335.43	338.71	1.0%
US GDP (billion 1999 dollars)	8857	9224	9319	9644	9923	10341	10765	11129	11570	12009	12514	13021	13560	14022	14480	14960	15460	15987	16497	17035	17580	18102	3.4%
Carbon Dioxide Emissions (million metric tons carbon equivalent)	1517.2	1561.7	1560.7	1586.0	1636.8	1676.8	1714.2	1752.4	1793.8	1824.7	1854.5	1887.5	1920.8	1954.6	1985.8	2015.7	2046.4	2076.8	2111.4	2143.1	2178.5	2214.7	1.8%

1/ Includes wood used for residential heating. See Table 18 estimates of nonmarketed renewable energy consumption for geothermal heat pumps, solar thermal hot water heating, and solar photovoltaic electricity generation.

2/ Includes ethanol (blends of 10 percent or less) and ethers blended into gasoline.

3/ Includes commercial sector electricity cogenerated by using wood and wood waste, landfill gas, municipal solid waste, and other biomass. See Table 18 for estimates of nonmarketed renewable energy consumption for solar thermal hot water heating and solar photovoltaic electricity generation.

4/ Fuel consumption includes consumption for cogeneration, which produces electricity and other useful thermal energy.

5/ Includes petroleum coke, asphalt, road oil, lubricants, still gas, and miscellaneous petroleum products.

6/ Includes lease and plant fuel and consumption by cogenerators; excludes consumption by nonutility generators.

7/ Includes consumption of energy from hydroelectric, wood and wood waste, municipal solid waste, and other biomass; includes cogeneration, both for sale to the grid and for own use.

8/ Diesel fuel containing 500 parts per million (ppm) or 15 ppm sulfur.

9/ Includes only kerosene type.

10/ Includes aviation gas and lubricants.

11/ E85 is 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable).

12/ Includes unfinished oils, natural gasoline, motor gasoline blending compounds, aviation gasoline, lubricants, still gas, asphalt, road oil, petroleum coke, and miscellaneous petroleum products.

13/ Includes electricity generated for sale to the grid and for own use from renewable sources, and non-electric energy from renewable sources. Excludes nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.

14/ Includes consumption of energy by all electric power generators for grid-connected power except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers and exempt wholesale generators.

15/ Includes conventional hydroelectric, geothermal, wood and wood waste, municipal solid waste, other biomass, petroleum coke, wind, photovoltaic and solar thermal sources. Excludes cogeneration. Excludes net electricity imports.

16/ In 1999 approximately 70 percent of the U.S. electricity imports were provided by renewable sources (hydroelectricity). EIA does not project future proportions for the fuel source of imported electricity.

17/ Includes hydroelectric, geothermal, wood and wood waste, municipal solid waste, other biomass, wind, photovoltaic and solar thermal sources. Includes ethanol components of E85; excludes ethanol blends (10 percent or less) in motor gasoline. Excludes net electricity imports and nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports. Consumption values of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 1999 natural gas lease, plant, and pipeline fuel values: Energy Information Administration (EIA), Natural Gas Annual 1999, DOE/EIA-0131(99)

(Washington, DC, October 2000). 1999 and 2000 electric utility fuel consumption: EIA, Electric Power Annual 1999, Volume 1, DOE/EIA-0348(99)1

(Washington, DC, August 2000). 1999 and 2000 nonutility consumption estimates: EIA, Form EIA-860B: "Annual Electric Generator Report - Nonutility."

Other 1999 values: EIA, AEO2002 National Energy Modeling System run aeo2002d102001b. Other 2000 values: EIA, Short-Term Energy Outlook, October

2001, <http://www.eia.doe.gov/pub/forecasting/steeoldsteoc101.pdf>. Projections: EIA, AEO2002 National Energy Modeling System run aeo2002d102001b.

Table 3. Energy Prices by Sector and Source (1 of 2)
(2000 Dollars per Million Btu, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020	
Residential	13.53	14.43	15.06	13.53	13.38	13.59	13.69	13.75	13.85	14.03	14.11	14.17	14.26	14.25	14.24	14.24	14.28	14.42	14.55	14.68	14.77	14.82	0.1%	
Primary Energy 1/	6.89	8.26	9.02	6.90	7.21	7.40	7.48	7.48	7.53	7.63	7.66	7.65	7.65	7.64	7.63	7.64	7.69	7.75	7.79	7.82	7.81	7.82	-0.3%	
Petroleum Products 2/	7.85	10.78	10.00	9.48	9.42	9.55	9.64	9.58	9.71	9.80	9.95	10.00	10.02	10.11	10.25	10.40	10.45	10.49	10.52	10.56	10.60	10.63	-0.1%	
Distillate Fuel	6.39	9.42	9.04	8.31	7.66	7.73	7.82	7.74	7.83	7.85	7.99	8.01	8.03	8.14	8.32	8.51	8.56	8.59	8.62	8.65	8.69	8.72	-0.4%	
Liquefied Petroleum Gas	10.50	13.65	12.43	12.20	12.93	13.14	13.19	13.13	13.27	13.47	13.54	13.61	13.65	13.70	13.77	13.82	13.85	13.92	13.98	14.03	14.08	14.13	0.2%	
Natural Gas 3/	6.65	7.64	8.81	6.39	6.69	6.91	7.00	7.02	7.06	7.17	7.18	7.17	7.17	7.15	7.12	7.09	7.11	7.17	7.24	7.30	7.33	7.32	-0.2%	
Electricity	24.32	24.37	24.59	23.88	22.99	23.09	23.03	23.07	23.13	23.33	23.39	23.44	23.58	23.47	23.39	23.24	23.24	23.43	23.56	23.73	23.84	23.98	-0.1%	
Commercial	13.21	14.03	14.80	13.33	13.06	13.25	13.27	13.23	13.28	13.45	13.54	13.59	13.71	13.68	13.70	13.70	13.70	13.89	14.01	14.15	14.25	14.31	0.1%	
Primary Energy 1/	5.25	6.31	7.29	5.21	5.46	5.66	5.74	5.76	5.81	5.92	5.95	5.95	5.96	5.97	5.98	5.99	6.02	6.08	6.15	6.21	6.25	6.26	0.0%	
Petroleum Products 2/	5.15	7.19	6.48	6.18	6.08	6.17	6.24	6.19	6.27	6.31	6.44	6.45	6.48	6.58	6.70	6.85	6.92	6.96	7.00	7.03	7.08	7.12	0.0%	
Distillate Fuel	4.46	7.08	6.82	5.89	5.43	5.59	5.59	5.51	5.60	5.61	5.78	5.78	5.80	5.94	6.11	6.32	6.40	6.44	6.46	6.49	6.54	6.57	-0.4%	
Residual Fuel	2.65	3.46	3.93	3.62	3.72	3.76	3.81	3.83	3.86	3.89	3.91	3.93	3.97	4.00	4.02	4.05	4.08	4.11	4.14	4.17	4.20	4.20	1.0%	
Natural Gas 3/	5.34	6.23	7.55	5.10	5.42	5.63	5.72	5.75	5.81	5.82	5.84	5.84	5.85	5.95	5.93	5.92	5.95	6.01	6.09	6.16	6.20	6.21	0.0%	
Electricity	21.37	22.12	22.72	21.79	20.98	21.08	20.89	20.67	20.60	20.74	20.78	20.81	20.96	20.83	20.79	20.72	20.72	20.92	21.05	21.21	21.34	21.41	-0.2%	
Industrial 4/	5.32	6.88	6.30	5.37	5.64	5.81	5.92	5.91	6.02	6.16	6.27	6.34	6.41	6.48	6.51	6.58	6.61	6.68	6.74	6.80	6.89	6.92	0.0%	
Primary Energy	3.97	5.69	4.96	4.00	4.37	4.53	4.64	4.76	4.87	4.98	5.03	5.08	5.14	5.18	5.24	5.28	5.32	5.38	5.41	5.48	5.50	5.50	-0.2%	
Petroleum Products 2/	5.53	8.10	6.20	5.93	6.36	6.47	6.56	6.47	6.60	6.69	6.82	6.85	6.90	6.97	7.05	7.16	7.22	7.27	7.28	7.29	7.35	7.38	-0.5%	
Distillate Fuel	4.71	7.21	5.99	5.76	5.52	5.59	5.67	5.60	5.69	5.70	5.84	5.92	5.95	6.14	6.28	6.53	6.67	6.72	6.75	6.78	6.87	6.91	-0.2%	
Liquefied Petroleum Gas	8.77	11.73	7.72	7.47	8.30	8.55	8.61	8.44	8.61	8.89	8.96	8.93	8.95	8.99	9.04	9.08	9.12	9.19	9.21	9.25	9.31	9.36	-1.1%	
Residual Fuel	2.75	3.27	3.73	3.44	3.54	3.59	3.60	3.63	3.65	3.68	3.71	3.74	3.74	3.78	3.81	3.84	3.87	3.90	3.93	3.96	3.99	4.03	1.0%	
Natural Gas 3/	3.00	4.31	4.62	2.65	3.03	3.28	3.42	3.50	3.60	3.76	3.84	3.90	3.96	3.98	3.97	3.97	4.00	4.06	4.15	4.23	4.29	4.31	0.0%	
Metallurgical Coal	1.71	1.62	1.65	1.64	1.62	1.61	1.60	1.60	1.58	1.58	1.57	1.57	1.57	1.56	1.55	1.55	1.53	1.52	1.52	1.51	1.50	1.49	-0.4%	
Steam Coal	1.43	1.41	1.41	1.39	1.37	1.36	1.35	1.34	1.33	1.33	1.32	1.30	1.30	1.30	1.30	1.29	1.28	1.27	1.27	1.26	1.26	1.26	-0.6%	
Electricity	13.00	13.50	13.65	13.23	12.89	13.04	13.04	12.84	12.94	13.09	13.16	13.25	13.37	13.33	13.33	13.30	13.31	13.43	13.56	13.72	13.83	13.89	0.1%	
Transportation	8.46	10.88	10.60	9.70	9.56	9.63	9.76	9.88	10.05	10.10	10.17	10.23	10.30	10.29	10.29	10.29	10.32	10.33	10.31	10.37	10.39	10.43	10.45	-0.2%
Primary Energy	8.43	10.88	10.57	9.68	9.54	9.61	9.76	9.87	10.03	10.08	10.14	10.21	10.27	10.27	10.26	10.29	10.30	10.29	10.34	10.37	10.41	10.43	-0.2%	
Petroleum Products 2/	8.43	10.88	10.57	9.68	9.54	9.60	9.76	9.87	10.03	10.08	10.14	10.21	10.27	10.27	10.26	10.29	10.30	10.28	10.34	10.36	10.40	10.42	-0.2%	
Distillate Fuel 6/	8.36	10.81	10.48	9.84	9.30	9.41	9.44	9.61	10.19	10.22	10.22	10.53	10.62	10.52	10.46	10.49	10.43	10.40	10.41	10.44	10.41	10.44	-0.2%	
Jet Fuel 7/	4.81	7.36	5.93	5.60	5.49	5.61	5.67	5.59	5.74	5.79	5.97	6.01	6.16	6.26	6.31	6.45	6.52	6.54	6.56	6.58	6.60	6.60	-0.5%	
Motor Gasoline 8/	9.67	12.20	12.15	10.98	10.97	11.01	11.24	11.37	11.39	11.46	11.53	11.51	11.55	11.56	11.57	11.58	11.61	11.59	11.69	11.74	11.82	11.85	-0.1%	
Residual Fuel	2.59	4.38	3.50	3.21	3.37	3.40	3.43	3.46	3.48	3.51	3.54	3.56	3.58	3.62	3.64	3.67	3.70	3.73	3.76	3.79	3.82	3.85	-0.6%	
Liquefied Petroleum Gas 9/	13.09	15.91	14.05	13.80	14.22	14.42	14.47	14.46	14.82	14.80	14.83	14.90	14.91	14.97	14.97	15.00	15.00	15.04	15.07	15.09	15.10	15.11	-0.3%	
Natural Gas 10/	6.14	8.04	8.26	6.17	6.46	6.69	6.83	6.93	7.07	7.26	7.35	7.41	7.45	7.46	7.48	7.48	7.51	7.57	7.65	7.71	7.76	7.75	-0.2%	
Ethanol (E85) 11/	14.78	17.33	17.33	17.33	18.87	19.05	19.48	19.74	19.79	20.04	20.77	21.23	21.28	21.35	21.42	21.48	21.55	21.62	21.71	21.80	21.88	21.82	1.1%	
Electricity	20.95	21.79	21.04	20.56	18.38	17.68	16.94	16.65	17.21	17.91	18.47	18.95	19.40	19.67	19.88	20.03	20.02	19.95	19.71	19.46	19.09	18.68	-0.8%	
Average End-Use Energy	8.64	10.40	10.39	9.26	9.24	9.37	9.48	9.51	9.62	9.73	9.81	9.88	9.95	9.97	9.98	10.02	10.05	10.10	10.19	10.25	10.32	10.35	0.0%	
Primary Energy	6.41	8.41	8.25	7.07	7.18	7.31	7.45	7.50	7.63	7.73	7.81	7.87	7.93	7.96	7.99	8.03	8.06	8.08	8.15	8.19	8.24	8.26	-0.1%	
Electricity	19.72	20.21	20.69	20.00	19.29	19.38	19.27	19.15	19.12	19.27	19.32	19.36	19.48	19.39	19.35	19.28	19.28	19.45	19.57	19.72	19.82	19.89	-0.1%	
Electricity Generators 12/																								
Fossil Fuel Average	1.51	1.88	1.86	1.48	1.55	1.62	1.63	1.63	1.65	1.70	1.72	1.76	1.81	1.83	1.85	1.87	1.89	1.90	1.92	1.95	1.96	1.95	0.2%	
Petroleum Products	2.59	4.34	3.93	3.74	3.78	3.80	3.84	3.84	3.89	3.93	3.98	4.02	4.09	4.12	4.14	4.22	4.24	4.29	4.36	4.41	4.47	4.47	0.2%	
Distillate Fuel	4.22	6.80	5.59	5.21	4.91	4.99	5.08	5.00	5.09	5.11	5.31	5.29	5.31	5.46	5.62	5.84	5.95	5.97	5.95	5.97	6.00	6.00	-0.7%	
Residual Fuel	2.45	4.11	3.76	3.45	3.51	3.54	3.56	3.59	3.62	3.65	3.68	3.71	3.74	3.77	3.79	3.82	3.84	3.88	3.91	3.94	3.99	4.01	-0.1%	
Natural Gas	2.64	4.40	4.39	2.60	2.95	3.19	3.31	3.39	3.49	3.63	3.71	3.79	3.88	3.92	3.93	3.96	4.02	4.09	4.17	4.23	4.25	4.25	-0.2%	
Steam Coal	1.22	1.21	1.19	1.16	1.15	1.14	1.14	1.11	1.10	1.09	1.08	1.07	1.07	1.06	1.05	1.04	1.03	1.02	1.01	1.01	1.00	1.00	-0.9%	

Table 3. Energy Prices by Sector and Source (2 of 2)
(2000 Dollars per Million Btu, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Average Price to All Users 1/3																							
Petroleum Products 2/	7.55	10.05	9.37	8.74	8.74	8.82	8.98	9.02	9.17	9.24	9.33	9.30	9.46	9.48	9.50	9.58	9.59	9.59	9.64	9.65	9.70	9.72	-0.2%
Distillate Fuel	7.36	9.93	9.41	8.88	8.40	8.51	8.57	8.69	9.16	9.20	9.28	9.52	9.61	9.58	9.59	9.67	9.66	9.67	9.70	9.71	9.74	9.74	-0.1%
Jet Fuel	4.81	7.36	5.93	5.69	5.49	5.61	5.67	5.59	5.74	5.79	5.97	6.01	6.16	6.25	6.31	6.45	6.49	6.52	6.54	6.56	6.58	6.60	-0.5%
Liquefied Petroleum Gas	9.12	12.06	8.60	8.31	9.09	9.32	9.37	9.21	9.36	9.55	9.60	9.65	9.66	9.68	9.71	9.75	9.77	9.84	9.86	9.89	9.94	9.98	-0.9%
Motor Gasoline 8/	9.67	12.20	12.15	10.98	10.97	11.01	11.24	11.37	11.39	11.46	11.52	11.51	11.55	11.56	11.57	11.58	11.61	11.59	11.69	11.74	11.82	11.85	-0.1%
Residual Fuel	2.95	4.11	3.65	3.21	3.44	3.47	3.50	3.53	3.58	3.61	3.63	3.65	3.65	3.69	3.71	3.74	3.77	3.80	3.83	3.86	3.90	3.93	-0.2%
Natural Gas	4.15	5.43	6.10	3.91	4.25	4.47	4.56	4.60	4.67	4.79	4.83	4.86	4.89	4.90	4.88	4.88	4.89	4.94	5.02	5.08	5.14	5.15	-0.3%
Coal	1.24	1.22	1.21	1.18	1.17	1.17	1.16	1.13	1.12	1.11	1.10	1.09	1.09	1.08	1.07	1.07	1.06	1.05	1.04	1.03	1.03	1.02	-0.9%
Ethanol (E85) 11/	14.78	17.33	17.33	17.33	18.97	19.05	19.48	19.74	19.79	20.04	20.77	21.23	21.28	21.35	21.42	21.48	21.55	21.62	21.71	21.80	21.88	21.82	1.1%
Electricity	19.72	20.21	20.69	20.00	19.29	19.38	19.27	19.15	19.12	19.27	19.32	19.36	19.48	19.39	19.35	19.28	19.28	19.45	19.57	19.72	19.82	19.89	-0.1%
Non-Renewable Energy Expenditures by Sector (billion 2000 dollars)																							
Residential	138.82	153.44	163.08	150.29	152.24	156.81	158.62	160.37	162.65	166.25	167.93	169.96	172.75	174.82	176.19	178.01	180.32	184.21	186.98	190.48	193.77	197.20	1.3%
Commercial	100.71	112.09	120.73	110.68	112.04	116.58	118.93	120.89	123.75	127.74	130.98	134.16	138.05	140.57	143.62	146.50	149.74	154.11	158.08	162.19	166.06	169.46	2.1%
Industrial	113.77	142.87	123.84	112.18	120.28	127.04	131.98	134.21	139.52	144.98	149.76	153.85	158.75	162.07	165.31	168.50	171.70	175.52	179.62	184.37	189.35	193.39	1.5%
Transportation	217.56	288.38	282.56	264.31	268.57	278.09	290.44	300.48	313.32	322.92	333.40	343.89	354.74	362.54	369.90	378.02	384.98	391.24	400.46	408.56	417.47	425.12	2.0%
Total Non-Renewable Expenditures	570.86	696.78	690.21	637.45	653.14	678.52	699.95	715.96	739.24	761.88	782.07	801.86	824.29	839.99	855.02	871.03	886.74	905.08	925.15	945.60	966.65	985.16	1.7%
Transportation Renewable Expenditures	0.17	0.31	0.37	0.35	0.39	0.44	0.50	0.56	0.60	0.65	0.71	0.75	0.80	0.84	0.88	0.92	0.95	0.98	1.02	1.06	1.09	1.12	6.7%
Total Expenditures	571.03	697.08	690.58	637.80	653.53	678.96	700.45	716.52	739.84	762.53	782.78	802.61	825.09	840.83	855.90	871.94	887.69	906.06	926.17	946.65	967.74	986.28	1.8%

1/ Weighted average price includes fuels below as well as coal.

2/ This quantity is the weighted average for all petroleum products, not just those listed below.

3/ Excludes independent power producers.

4/ Includes cogenerators.

5/ Excludes uses for lease and plant fuel.

6/ Diesel fuel containing 500 parts per million (ppm) or 15 ppm sulfur. Price includes Federal and State taxes while excluding county and local taxes.

7/ Kerosene-type jet fuel. Price includes Federal and State taxes while excluding county and local taxes.

8/ Sales weighted-average price for all grades. Includes Federal, State, and local taxes.

9/ Includes Federal and State taxes while excluding county and local taxes.

10/ Compressed natural gas used as a vehicle fuel. Price includes estimated motor vehicle fuel taxes.

11/ E85 is 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable).

12/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers and exempt wholesale generators.

13/ Weighted averages of end-use fuel prices are derived from the prices shown in each sector and the corresponding sectoral consumption.

Btu = British thermal unit.

Note: Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.

Sources: 1999 prices for gasoline, distillate, and jet fuel are based on prices in the Energy Information Administration (EIA), Petroleum Marketing Annual 1999.

http://www.eia.doe.gov/pub/oil_gas/petroleum/data_publications/petroleum_marketing_annual/pma_historical.html (August 2000). 2000 prices for gasoline, distillate, and jet fuel are based on the preliminary Petroleum Marketing Annual 2000, http://www.eia.doe.gov/pub/oil_gas/petroleum/data_publications/petroleum_marketing_annual/current/pd/pma00.pdf.

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1999 residential electricity prices derived from EIA, Short-Term Energy Outlook, October 2001, http://www.eia.doe.gov/pub/forecasting/steo/steo01oct01.pdf. 1999 and 2000 electricity prices for commercial, industrial, and transportation: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 4. Residential Sector Key Indicators and Consumption (1 of 2)
(Quadrillion Btu per Year, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Key Indicators																							
Households (millions)																							
Single-Family	75.67	76.57	77.49	78.51	79.53	80.57	81.65	82.72	83.83	84.93	86.03	87.15	88.29	89.38	90.44	91.49	92.55	93.61	94.70	95.79	96.90	98.02	1.2%
Multifamily	21.79	21.97	22.13	22.33	22.50	22.68	22.85	23.00	23.16	23.32	23.50	23.67	23.85	24.01	24.18	24.34	24.51	24.69	24.88	25.10	25.33	25.58	0.8%
Mobile Homes	6.59	6.61	6.57	6.55	6.57	6.61	6.67	6.73	6.81	6.89	6.97	7.03	7.10	7.14	7.17	7.20	7.22	7.24	7.26	7.28	7.31	7.33	0.5%
Total	104.05	105.15	106.18	107.40	108.61	109.87	111.16	112.46	113.80	115.15	116.50	117.86	119.23	120.53	121.79	123.03	124.28	125.54	126.84	128.18	129.55	130.93	1.1%
Average House Square Footage																							
	1673	1678	1684	1690	1696	1701	1707	1714	1720	1726	1731	1737	1743	1749	1755	1760	1766	1771	1777	1782	1787	1792	0.3%
Energy Intensity																							
(Million Btu per household)																							
Delivered Energy Consumption	102.5	105.2	106.0	107.4	108.7	109.0	108.1	107.8	107.0	106.7	105.9	105.5	105.3	105.5	105.2	105.2	105.2	105.4	104.9	104.8	104.8	105.1	0.0%
Total Energy Consumption	193.6	198.8	190.7	193.1	196.4	196.5	195.7	194.8	193.0	191.9	190.1	188.9	188.0	188.1	187.6	187.6	187.6	187.6	187.0	186.7	186.7	187.2	0.0%
(thousand Btu per square foot)																							
Delivered Energy Consumption	61.3	62.7	63.0	63.6	64.1	64.0	63.3	62.8	62.2	61.8	61.2	60.7	60.4	60.3	59.9	59.8	59.6	59.5	59.0	58.8	58.6	58.7	-0.3%
Total Energy Consumption	109.8	112.5	113.3	114.3	115.8	115.5	114.8	113.7	112.2	111.2	109.8	108.7	107.8	107.5	106.9	106.5	106.2	105.9	105.2	104.8	104.5	104.4	-0.4%
Delivered Energy Consumption by Fuel																							
Electricity																							
Space Heating	0.39	0.42	0.43	0.43	0.44	0.45	0.46	0.46	0.46	0.47	0.47	0.48	0.48	0.49	0.50	0.50	0.51	0.52	0.52	0.53	0.53	0.54	1.3%
Space Cooling	0.55	0.56	0.57	0.57	0.58	0.60	0.61	0.61	0.62	0.63	0.63	0.64	0.65	0.66	0.67	0.68	0.69	0.71	0.72	0.73	0.75	0.76	1.6%
Water Heating	0.40	0.41	0.41	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.41	0.41	0.41	0.41	0.41	0.41	0.40	0.40	0.40	0.40	-0.1%
Refrigeration	0.43	0.43	0.43	0.42	0.40	0.39	0.38	0.38	0.37	0.36	0.35	0.35	0.34	0.34	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	-1.3%
Cooking	0.10	0.11	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	1.2%
Clothes Dryers	0.22	0.23	0.23	0.23	0.24	0.24	0.24	0.25	0.25	0.25	0.25	0.26	0.26	0.26	0.26	0.26	0.27	0.27	0.27	0.27	0.28	0.28	1.1%
Freezers	0.12	0.12	0.11	0.11	0.11	0.10	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	-1.3%
Lighting	0.34	0.35	0.36	0.37	0.39	0.40	0.41	0.42	0.43	0.44	0.45	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.50	0.50	0.51	1.8%
Clothes Washers 1/	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.0%
Dishwashers 1/	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	1.3%
Color Televisions	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.19	0.19	0.20	0.20	0.21	0.22	0.22	0.23	0.24	0.24	0.25	0.25	0.26	0.26	3.5%
Personal Computers	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.11	0.11	4.6%
Runtime Fans	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.11	0.11	1.9%
Other Uses 2/	1.06	1.14	1.22	1.30	1.41	1.46	1.51	1.55	1.59	1.64	1.68	1.72	1.77	1.82	1.87	1.92	1.97	2.02	2.06	2.10	2.15	2.20	3.3%
Delivered Energy	3.91	4.07	4.20	4.30	4.45	4.55	4.63	4.69	4.75	4.83	4.88	4.95	5.03	5.12	5.19	5.28	5.37	5.46	5.53	5.61	5.70	5.80	1.8%
Natural Gas																							
Space Heating	3.20	3.44	3.46	3.60	3.67	3.71	3.70	3.72	3.75	3.78	3.79	3.81	3.86	3.91	3.95	4.00	4.04	4.09	4.13	4.17	4.22	4.29	1.1%
Space Cooling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.6%
Water Heating	1.28	1.32	1.33	1.38	1.41	1.43	1.42	1.43	1.44	1.44	1.44	1.45	1.46	1.47	1.47	1.48	1.48	1.48	1.48	1.48	1.49	1.50	0.6%
Cooking	0.19	0.20	0.21	0.21	0.21	0.21	0.22	0.22	0.22	0.22	0.23	0.23	0.23	0.23	0.24	0.24	0.24	0.24	0.25	0.25	0.25	0.26	1.3%
Clothes Dryers	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10	2.0%
Other Uses 3/	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	-0.4%
Delivered Energy	4.86	5.14	5.19	5.38	5.50	5.55	5.54	5.57	5.60	5.64	5.65	5.68	5.74	5.81	5.86	5.91	5.97	6.03	6.06	6.11	6.17	6.25	1.0%
Distillate																							
Space Heating	0.68	0.70	0.74	0.73	0.74	0.73	0.72	0.71	0.70	0.70	0.68	0.67	0.67	0.66	0.65	0.65	0.64	0.64	0.63	0.63	0.63	0.63	-0.6%
Water Heating	0.13	0.12	0.13	0.13	0.13	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.10	0.10	0.10	-0.9%
Other Uses 4/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Delivered Energy	0.81	0.82	0.87	0.86	0.87	0.86	0.85	0.84	0.83	0.82	0.80	0.79	0.78	0.78	0.77	0.76	0.75	0.74	0.74	0.73	0.73	0.73	-0.6%
Liquefied Petroleum Gas																							
Space Heating	0.36	0.33	0.30	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.30	0.30	0.30	0.29	0.29	0.29	0.29	0.29	0.28	-0.7%
Water Heating	0.12	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.08	-1.0%
Cooking	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.0%
Other Uses 3/	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.5%
Delivered Energy	0.53	0.47	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.43	0.43	0.42	0.42	0.41	0.41	0.41	0.41	-0.7%

Table 4. Residential Sector Key Indicators and Consumption (2 of 2)
(Quadrillion Btu per Year, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020-2020
Marketed Renewables (wood) 5/	0.40	0.43	0.42	0.43	0.43	0.43	0.43	0.43	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.45	0.45	0.45	0.45	0.45	0.45	0.46	0.4%
Other Fuels 6/	0.15	0.13		0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	-0.8%
Delivered Energy Consumption by End-Use																							
Space Heating	5.20	5.45	5.50	5.64	5.72	5.76	5.74	5.76	5.78	5.81	5.81	5.84	5.88	5.94	5.97	6.01	6.05	6.11	6.14	6.18	6.24	6.32	0.7%
Space Cooling	0.55	0.56	0.57	0.57	0.58	0.60	0.61	0.61	0.62	0.63	0.63	0.64	0.65	0.66	0.67	0.68	0.69	0.71	0.72	0.73	0.75	0.77	1.6%
Water Heating	1.93	1.95	1.97	2.02	2.06	2.08	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.08	2.08	2.08	2.08	2.08	2.07	2.07	2.07	2.08	0.3%
Refrigeration	0.43	0.43	0.43	0.42	0.40	0.39	0.38	0.38	0.37	0.36	0.35	0.35	0.34	0.34	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	-1.3%
Cooking	0.33	0.33	0.34	0.35	0.35	0.36	0.36	0.36	0.37	0.37	0.37	0.38	0.38	0.39	0.39	0.39	0.40	0.40	0.41	0.41	0.41	0.42	1.1%
Clothes Dryers	0.29	0.29	0.30	0.31	0.32	0.32	0.33	0.33	0.33	0.34	0.34	0.34	0.35	0.35	0.36	0.36	0.36	0.37	0.37	0.37	0.38	0.38	1.3%
Freezers	0.12	0.12	0.11	0.11	0.11	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	-1.3%
Lighting	0.34	0.35	0.36	0.37	0.39	0.40	0.41	0.42	0.43	0.44	0.44	0.45	0.46	0.46	0.47	0.48	0.48	0.49	0.50	0.50	0.51	0.51	1.8%
Clothes Washers	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.0%
Dishwashers	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	1.3%
Color Televisions	0.12	0.13	0.14	0.15	0.16	0.16	0.17	0.18	0.18	0.19	0.19	0.20	0.20	0.21	0.22	0.23	0.24	0.24	0.25	0.25	0.26	0.26	3.5%
Personal Computers	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.10	0.11	0.11	0.11	4.6%
Furnace Fans	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.11	0.11	1.9%
Other Uses 7/	1.18	1.27	1.35	1.43	1.53	1.59	1.64	1.68	1.72	1.76	1.80	1.84	1.89	1.94	1.99	2.04	2.09	2.14	2.18	2.22	2.27	2.32	3.1%
Delivered Energy	10.67	11.06	11.26	11.54	11.81	11.87	12.01	12.10	12.18	12.29	12.34	12.43	12.56	12.72	12.81	12.94	13.08	13.23	13.31	13.43	13.57	13.76	1.1%
Electricity Related Losses	8.44	8.79	8.99	9.20	9.52	9.62	9.74	9.81	9.78	9.81	9.81	9.83	9.86	9.95	10.04	10.13	10.23	10.33	10.41	10.51	10.62	10.75	1.0%
Total Energy Consumption by End-Use																							
Space Heating	6.03	6.38	6.42	6.56	6.66	6.71	6.70	6.72	6.74	6.77	6.76	6.79	6.83	6.90	6.93	6.98	7.02	7.09	7.12	7.17	7.23	7.32	0.7%
Space Cooling	1.73	1.77	1.79	1.79	1.83	1.86	1.88	1.89	1.89	1.90	1.90	1.91	1.92	1.94	1.96	1.98	2.01	2.04	2.07	2.11	2.14	2.18	1.0%
Water Heating	2.80	2.83	2.85	2.90	2.96	2.97	2.96	2.96	2.94	2.93	2.91	2.90	2.89	2.89	2.88	2.87	2.86	2.86	2.84	2.82	2.82	2.82	0.0%
Refrigeration	1.37	1.36	1.35	1.31	1.27	1.23	1.19	1.16	1.12	1.09	1.06	1.04	1.01	1.00	0.98	0.97	0.96	0.95	0.95	0.95	0.95	0.95	-1.6%
Cooking	0.55	0.56	0.58	0.58	0.59	0.59	0.60	0.60	0.61	0.61	0.61	0.62	0.62	0.63	0.63	0.64	0.64	0.65	0.65	0.66	0.66	0.67	0.9%
Clothes Dryers	0.76	0.78	0.79	0.81	0.83	0.83	0.84	0.85	0.85	0.85	0.85	0.86	0.86	0.86	0.86	0.87	0.87	0.88	0.88	0.89	0.89	0.90	0.7%
Freezers	0.38	0.37	0.36	0.34	0.33	0.32	0.31	0.30	0.29	0.28	0.28	0.27	0.27	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	-1.8%
Lighting	1.08	1.11	1.14	1.18	1.22	1.25	1.28	1.30	1.31	1.32	1.33	1.34	1.35	1.37	1.38	1.39	1.41	1.42	1.42	1.43	1.44	1.45	1.3%
Clothes Washers	0.09	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.09	-0.5%
Dishwashers	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.8%
Color Televisions	0.39	0.42	0.44	0.46	0.49	0.51	0.54	0.55	0.56	0.57	0.58	0.59	0.61	0.62	0.64	0.65	0.66	0.68	0.70	0.71	0.73	0.75	3.0%
Personal Computers	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.23	0.24	0.24	0.25	0.26	0.27	0.28	0.29	0.30	0.31	0.32	0.33	4.1%
Furnace Fans	0.24	0.25	0.25	0.26	0.27	0.27	0.28	0.28	0.28	0.29	0.29	0.29	0.30	0.30	0.30	0.30	0.31	0.31	0.31	0.32	0.32	0.33	1.4%
Other Uses 7/	3.47	3.73	3.97	4.21	4.54	4.69	4.82	4.82	4.90	4.99	5.17	5.26	5.36	5.49	5.60	5.73	5.85	5.96	6.06	6.16	6.27	6.40	2.7%
Total	19.10	19.85	20.25	20.74	21.33	21.59	21.75	21.91	21.96	22.09	22.14	22.27	22.42	22.67	22.85	23.07	23.31	23.56	23.72	23.94	24.19	24.51	1.1%
Non-Marketed Renewables																							
Geothermal 8/	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	5.0%
Solar 9/	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.04	0.04	2.0%
Total	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.08	3.4%

1/ Does not include electric water heating portion of load.

2/ Includes small electric devices, heating elements, and motors.

3/ Includes such appliances as swimming pool heaters, outdoor grills, and outdoor lighting (natural gas).

4/ Includes such appliances as swimming pool and hot tub heaters.

5/ Includes wood used for primary and secondary heating in wood stoves or fireplaces as reported in the Residential Energy Consumption Survey 1997.

6/ Includes kerosene and coal.

7/ Includes all other uses listed above.

8/ Includes primary energy displaced by geothermal heat pumps in space heating and cooling applications.

9/ Includes primary energy displaced by solar thermal water heaters and electricity generated using photovoltaics.

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.

Source: 1999 and 2000: Energy Information Administration (EIA), Short-Term Energy Outlook, October 2001, <http://www.eia.doe.gov/pub/forecasting/stsoe/outlook01.pdf>.

Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 5. Commercial Sector Key Indicators and Consumption (2 of 2)
(Quadrillion Btu per Year, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
Delivered Energy Consumption by End-Use																							
Space Heating 1/	1.78	1.88	1.85	1.93	1.99	2.03	2.03	2.05	2.07	2.08	2.10	2.12	2.14	2.16	2.19	2.21	2.23	2.25	2.28	2.28	2.29	2.31	1.0%
Space Cooling 1/	0.48	0.47	0.49	0.47	0.48	0.49	0.49	0.50	0.51	0.51	0.52	0.53	0.53	0.54	0.55	0.56	0.56	0.57	0.58	0.58	0.59	0.59	1.2%
Water Heating 1/	0.87	0.87	0.86	0.89	0.92	0.94	0.96	0.97	0.98	1.00	1.01	1.03	1.04	1.06	1.08	1.09	1.11	1.12	1.14	1.15	1.16	1.17	1.5%
Ventilation	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.22	0.22	0.22	0.22	0.23	0.23	0.23	0.23	1.3%
Cooking	0.24	0.24	0.24	0.25	0.26	0.26	0.26	0.27	0.27	0.28	0.28	0.29	0.29	0.29	0.30	0.30	0.31	0.31	0.31	0.32	0.32	0.32	1.5%
Lighting	1.22	1.24	1.25	1.27	1.29	1.32	1.34	1.38	1.38	1.39	1.41	1.43	1.45	1.46	1.48	1.50	1.51	1.52	1.53	1.54	1.55	1.55	1.1%
Refrigeration	0.18	0.19	0.19	0.19	0.20	0.20	0.20	0.21	0.21	0.21	0.22	0.22	0.22	0.22	0.23	0.23	0.23	0.23	0.24	0.24	0.24	0.24	1.3%
Office Equipment (PC)	0.14	0.16	0.18	0.20	0.22	0.24	0.25	0.27	0.28	0.30	0.31	0.32	0.33	0.34	0.35	0.36	0.36	0.37	0.37	0.37	0.37	0.37	4.4%
Office Equipment (non-PC)	0.30	0.32	0.34	0.35	0.37	0.39	0.41	0.44	0.46	0.48	0.51	0.53	0.56	0.59	0.61	0.64	0.67	0.70	0.72	0.75	0.78	0.81	4.8%
Other Uses 7/	2.32	2.53	2.62	2.65	2.74	2.82	2.89	2.96	3.03	3.11	3.19	3.28	3.37	3.46	3.56	3.66	3.77	3.88	3.98	4.09	4.21	4.32	2.7%
Delivered Energy	7.70	8.07	8.18	8.38	8.66	8.88	9.04	9.21	9.40	9.57	9.75	9.95	10.15	10.35	10.56	10.77	10.98	11.17	11.36	11.54	11.73	11.92	2.0%
Electricity Related Losses	8.13	8.43	8.56	8.70	8.89	9.15	9.37	9.57	9.88	9.80	9.84	10.08	10.21	10.37	10.56	10.74	10.90	11.04	11.22	11.37	11.52	11.65	1.8%
Total Energy Consumption by End-Use																							
Space Heating 1/	2.09	2.20	2.17	2.26	2.32	2.35	2.36	2.38	2.39	2.41	2.42	2.44	2.46	2.48	2.50	2.52	2.54	2.56	2.57	2.59	2.60	2.62	0.9%
Space Cooling 1/	1.48	1.45	1.50	1.44	1.47	1.48	1.49	1.50	1.51	1.51	1.52	1.53	1.53	1.54	1.55	1.57	1.58	1.59	1.60	1.61	1.62	1.62	0.6%
Water Heating 1/	1.19	1.19	1.18	1.21	1.25	1.27	1.28	1.30	1.31	1.32	1.33	1.35	1.36	1.38	1.39	1.41	1.42	1.43	1.45	1.46	1.47	1.48	1.1%
Ventilation	0.55	0.56	0.57	0.57	0.59	0.59	0.60	0.61	0.61	0.62	0.62	0.63	0.63	0.63	0.64	0.64	0.64	0.64	0.65	0.65	0.65	0.66	0.8%
Cooking	0.31	0.31	0.30	0.31	0.32	0.33	0.33	0.33	0.34	0.34	0.34	0.34	0.35	0.35	0.36	0.36	0.36	0.37	0.37	0.37	0.38	0.38	1.0%
Lighting	3.86	3.91	3.92	3.98	4.06	4.10	4.15	4.20	4.21	4.23	4.25	4.28	4.28	4.31	4.35	4.38	4.40	4.41	4.42	4.42	4.43	4.42	0.6%
Refrigeration	0.58	0.59	0.60	0.61	0.62	0.63	0.63	0.64	0.64	0.64	0.65	0.65	0.66	0.66	0.67	0.67	0.67	0.68	0.68	0.69	0.69	0.69	0.8%
Office Equipment (PC)	0.43	0.49	0.56	0.62	0.68	0.73	0.78	0.83	0.87	0.90	0.94	0.96	0.99	1.01	1.03	1.04	1.05	1.06	1.06	1.06	1.05	1.05	3.8%
Office Equipment (non-PC)	0.94	1.00	1.06	1.08	1.15	1.22	1.29	1.35	1.41	1.46	1.53	1.59	1.65	1.72	1.80	1.87	1.95	2.02	2.09	2.16	2.24	2.31	4.3%
Other Uses 7/	4.41	4.79	4.90	4.99	5.18	5.33	5.49	5.65	5.79	5.94	6.11	6.28	6.45	6.64	6.85	7.05	7.26	7.47	7.69	7.90	8.12	8.34	2.8%
Total	15.84	16.46	16.74	17.08	17.65	18.03	18.41	18.79	19.08	19.37	19.70	20.03	20.35	20.72	21.13	21.51	21.88	22.21	22.58	22.91	23.25	23.57	1.6%
Non-Marketed Renewable Fuels																							
Solar 8/	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	1.2%
Total	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	1.2%

1/ Includes fuel consumption for district services.

2/ Includes miscellaneous uses, such as service station equipment, automated teller machines, telecommunications equipment, and medical equipment.

3/ Excludes estimated consumption from independent power producers.

4/ Includes miscellaneous uses, such as pumps, emergency electric generators, cogeneration in commercial buildings, and manufacturing performed in commercial buildings.

5/ Includes miscellaneous uses, such as cooking, emergency electric generators, and cogeneration in commercial buildings.

6/ Includes residual fuel oil, liquefied petroleum gas, coal, motor gasoline, and kerosene.

7/ Includes miscellaneous uses, such as service station equipment, automated teller machines, telecommunications equipment, medical equipment, pumps, lighting, emergency electric generators, cogeneration in commercial buildings, manufacturing performed in commercial buildings, and cooking (distillate), plus residual fuel

oil, liquefied petroleum gas, coal, motor gasoline, and kerosene.

8/ Includes primary energy displaced by solar thermal space heating and water heating, and electricity generation by solar photovoltaic systems.

Btu = British thermal unit.

PC = Personal computer.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.

Source: 1999 and 2000: Energy Information Administration (EIA), Short-Term Energy Outlook, October 2001, <http://www.eia.doe.gov/pub/forecasting/steo/oldsteso/oct01.pdf>.

Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 6. Industrial Sector Key Indicators and Consumption (1 of 2)
(Quadrillion Btu per Year, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Key Indicators																							
Value of Gross Output (billion 1992 dollars)																							
Manufacturing	3804	4022	3917	4153	4342	4546	4748	4939	5172	5357	5558	5801	6043	6258	6469	6673	6874	7079	7310	7558	7801	8023	3.5%
Nonmanufacturing	990	1039	1053	1069	1102	1139	1172	1186	1207	1231	1256	1284	1306	1326	1357	1390	1424	1447	1472	1511	1550	1587	2.1%
Total	4794	5062	4969	5222	5444	5684	5920	6124	6379	6588	6813	7085	7349	7585	7826	8063	8297	8526	8782	9069	9350	9610	3.3%
Energy Prices (2000 dollars / million Btu)																							
Electricity	13.00	13.50	13.65	13.23	12.89	13.04	13.04	12.84	12.84	13.09	13.16	13.25	13.37	13.33	13.33	13.30	13.31	13.43	13.56	13.72	13.83	13.89	0.1%
Natural Gas	3.00	4.31	4.62	2.65	3.03	3.28	3.42	3.50	3.60	3.76	3.84	3.90	3.96	3.98	3.97	3.97	4.00	4.06	4.15	4.23	4.29	4.31	0.0%
Steam Coal	1.43	1.41	1.41	1.39	1.38	1.37	1.36	1.35	1.34	1.33	1.33	1.32	1.30	1.30	1.30	1.30	1.29	1.28	1.27	1.27	1.26	1.26	-0.6%
Residual Oil	2.75	3.27	3.73	3.44	3.54	3.59	3.60	3.63	3.65	3.68	3.71	3.74	3.74	3.76	3.81	3.84	3.87	3.90	3.93	3.96	3.99	4.03	1.0%
Distillate Oil	4.71	7.21	5.99	5.76	5.52	5.59	5.67	5.60	5.69	5.70	5.84	5.92	5.95	6.14	6.28	6.53	6.67	6.72	6.75	6.78	6.87	6.91	-0.2%
Liquefied Petroleum Gas	8.77	11.73	7.72	7.47	8.30	8.55	8.61	8.44	8.61	8.80	8.86	8.93	8.95	8.99	9.04	9.08	9.12	9.19	9.21	9.25	9.31	9.36	-1.1%
Motor Gasoline	9.61	12.18	12.11	10.93	10.92	10.96	11.20	11.34	11.36	11.41	11.47	11.46	11.49	11.50	11.51	11.53	11.57	11.55	11.66	11.71	11.79	11.82	-0.1%
Metallurgical Coal	1.71	1.62	1.65	1.64	1.62	1.61	1.60	1.60	1.60	1.58	1.58	1.57	1.57	1.57	1.56	1.55	1.55	1.53	1.52	1.52	1.51	1.50	-0.4%
Energy Consumption																							
Consumption 1/																							
Purchased Electricity	3.61	3.65	3.49	3.54	3.68	3.80	3.92	4.04	4.19	4.30	4.39	4.51	4.63	4.72	4.80	4.88	4.97	5.04	5.14	5.24	5.35	5.45	2.0%
Natural Gas 2/	9.95	9.79	9.94	9.96	10.25	10.46	10.65	10.91	11.11	11.30	11.44	11.63	11.80	11.90	12.03	12.18	12.31	12.54	12.61	12.80	12.89	13.12	1.5%
Steam Coal	1.69	1.69	1.69	1.66	1.70	1.74	1.77	1.79	1.82	1.84	1.86	1.87	1.89	1.90	1.91	1.91	1.93	1.94	1.97	1.99	2.02	2.04	0.9%
Metallurgical Coal and Coke 3/	0.81	0.84	0.78	0.78	0.78	0.79	0.79	0.79	0.80	0.80	0.80	0.80	0.80	0.79	0.79	0.79	0.78	0.78	0.78	0.78	0.78	0.78	-0.4%
Residual Fuel	0.25	0.27	0.19	0.16	0.15	0.17	0.19	0.21	0.22	0.25	0.27	0.26	0.24	0.26	0.26	0.27	0.28	0.28	0.28	0.28	0.28	0.29	0.4%
Distillate	1.08	1.11	1.10	1.11	1.14	1.18	1.20	1.21	1.23	1.25	1.28	1.30	1.33	1.34	1.36	1.38	1.40	1.42	1.44	1.47	1.50	1.53	1.6%
Liquefied Petroleum Gas	2.26	2.36	2.20	2.37	2.47	2.54	2.59	2.62	2.72	2.76	2.82	2.88	3.01	3.09	3.17	3.21	3.25	3.24	3.30	3.34	3.43	3.45	1.9%
Petrochemical Feedstocks	1.31	1.32	1.15	1.29	1.34	1.38	1.41	1.44	1.48	1.51	1.55	1.57	1.62	1.65	1.67	1.69	1.71	1.72	1.74	1.76	1.78	1.81	1.6%
Other Petroleum 4/	4.50	4.17	4.19	4.34	4.50	4.58	4.69	4.79	4.94	4.99	5.11	5.22	5.32	5.33	5.36	5.42	5.48	5.53	5.57	5.65	5.72	5.79	1.8%
Renewables 5/	2.29	2.41	2.41	2.51	2.58	2.67	2.76	2.83	2.92	2.95	3.00	3.07	3.16	3.23	3.30	3.37	3.43	3.50	3.57	3.65	3.72	3.79	2.3%
Delivered Energy	27.75	27.62	28.22	27.73	28.59	29.30	29.97	30.64	31.44	31.94	32.51	33.10	33.79	34.22	34.66	35.12	35.52	35.99	36.39	36.96	37.47	38.04	1.6%
Electricity Related Losses	7.80	7.89	7.48	7.59	7.87	8.04	8.28	8.45	8.62	8.72	8.82	8.95	9.09	9.17	9.26	9.34	9.46	9.54	9.68	9.81	9.97	10.09	1.2%
Total	35.54	35.50	33.69	35.32	36.46	37.34	38.22	39.09	40.07	40.66	41.32	42.05	42.87	43.39	43.95	44.49	44.98	45.53	46.07	46.77	47.45	48.12	1.5%
Consumption / Unit of Output 1/																							
(thousand Btu / 1992 dollar)																							
Purchased Electricity	0.75	0.72	0.70	0.68	0.68	0.67	0.66	0.66	0.66	0.65	0.64	0.64	0.63	0.62	0.61	0.61	0.60	0.59	0.58	0.58	0.57	0.57	-1.2%
Natural Gas 2/	2.07	1.93	1.82	1.91	1.88	1.84	1.80	1.78	1.74	1.71	1.68	1.64	1.61	1.57	1.54	1.51	1.48	1.47	1.44	1.41	1.38	1.37	-1.7%
Steam Coal	0.35	0.33	0.34	0.32	0.31	0.31	0.30	0.29	0.29	0.28	0.27	0.26	0.26	0.25	0.24	0.24	0.23	0.23	0.22	0.22	0.22	0.21	-2.2%
Metallurgical Coal and Coke 3/	0.17	0.17	0.15	0.15	0.14	0.14	0.13	0.13	0.13	0.12	0.12	0.11	0.11	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.08	0.08	-3.5%
Residual Fuel	0.05	0.05	0.04	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	-2.8%
Distillate	0.23	0.22	0.22	0.21	0.21	0.21	0.20	0.19	0.19	0.19	0.18	0.18	0.18	0.17	0.17	0.17	0.16	0.16	0.16	0.16	0.16	0.16	-1.6%
Liquefied Petroleum Gas	0.47	0.47	0.44	0.45	0.45	0.45	0.44	0.43	0.42	0.41	0.41	0.41	0.41	0.41	0.41	0.40	0.39	0.38	0.38	0.37	0.37	0.36	-1.3%
Petrochemical Feedstocks	0.27	0.28	0.23	0.25	0.25	0.24	0.24	0.24	0.23	0.23	0.23	0.22	0.22	0.22	0.21	0.21	0.20	0.20	0.19	0.19	0.19	0.19	-1.8%
Other Petroleum 4/	0.94	0.82	0.84	0.83	0.83	0.81	0.79	0.78	0.77	0.76	0.75	0.74	0.72	0.70	0.68	0.67	0.66	0.65	0.63	0.62	0.61	0.60	-1.8%
Renewables 5/	0.48	0.48	0.48	0.48	0.47	0.47	0.46	0.46	0.45	0.44	0.43	0.43	0.43	0.42	0.42	0.41	0.41	0.41	0.40	0.40	0.39	0.39	-0.9%
Delivered Energy	5.79	5.46	5.28	5.31	5.25	5.15	5.08	5.00	4.93	4.85	4.77	4.67	4.60	4.51	4.43	4.36	4.28	4.22	4.14	4.07	4.01	3.96	-1.6%
Electricity Related Losses	1.63	1.56	1.50	1.45	1.45	1.41	1.39	1.36	1.35	1.32	1.29	1.26	1.24	1.21	1.19	1.16	1.14	1.12	1.10	1.08	1.07	1.05	-2.0%
Total	7.41	7.01	6.78	6.76	6.70	6.57	6.46	6.38	6.28	6.17	6.06	5.94	5.83	5.72	5.62	5.52	5.42	5.34	5.25	5.16	5.07	5.01	-1.7%

1/ Fuel consumption includes consumption for cogeneration.

2/ Includes lease and plant fuel.

3/ Includes net coke coal imports.

4/ Includes petroleum coke, asphalt, road oil, lubricants, motor gasoline, still gas, and miscellaneous petroleum products.

5/ Includes consumption of energy from hydroelectric, wood and wood waste, municipal solid waste, and other biomass.

Btu = British thermal unit.

Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.

Table 6. Industrial Sector Key Indicators and Consumption (1 of 2)
(Quadrillion Btu per Year, Unless Otherwise Noted)

2000-

Sources: 1999 prices for gasoline and distillate are based on prices in the Energy Information Administration (EIA), Petroleum Marketing Annual 1999, http://www.eia.doe.gov/pub/oil_gas/petroleum/data_publications/petroleum_marketing_annual/historical.html (August 2000). 2000 prices for gasoline and distillate are based on the preliminary Petroleum Marketing Annual 2000, http://www.eia.doe.gov/pub/oil_gas/petroleum/data_publications/petroleum_marketing_annual/current/pd/fomaail.pdf. 1999 and 2000 coal prices are based on EIA, Quarterly Coal Report, DOE/EIA-0121(2000/4Q) (Washington, DC, October-December 2000), and EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b. 1999 and 2000 electricity prices: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b. Other 1999 values and other 2000 prices derived from EIA, State Energy Data Report 1999, DOE/EIA-021(499) (Washington, DC, May 2001). Other 2000 values: EIA, Short-Term Energy Outlook, October 2001, <http://www.eia.doe.gov/pub/forecasting/steor/old/steor01.pdf>. Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 7. Transportation Sector Key Indicators and Delivered Energy Consumption (1 of 2)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
Key Indicators																							
Level of Travel (billions)																							
Light-Duty Vehicles <8500 pounds (VMT)	2305	2340	2405	2481	2548	2621	2695	2763	2835	2912	2991	3068	3147	3228	3307	3381	3452	3526	3598	3671	3747	3818	2.5%
Commercial Light Trucks (VMT) 1/	67	70	69	71	74	77	80	82	85	88	91	94	97	100	103	106	109	111	114	118	121	124	2.9%
Freight Trucks >10000 pounds (VMT)	201	214	220	226	235	246	256	263	273	281	290	299	310	319	328	337	346	355	365	376	387	397	3.1%
Air (least miles available)	1137	1164	1190	1180	1232	1289	1350	1408	1470	1541	1615	1694	1777	1855	1932	2013	2096	2185	2279	2374	2474	2571	4.0%
Rail (ton miles traveled)	1982	1416	1592	1484	1522	1571	1621	1667	1710	1740	1775	1813	1870	1922	1936	1967	2000	2048	2095	2136	2184	2230	2.3%
Domestic Shipping (ton miles traveled)	665	689	706	709	723	738	752	764	779	793	806	820	835	847	866	882	898	912	925	942	956	973	1.7%
Energy Efficiency Indicators																							
New Light-Duty Vehicle (MPG) 2/	24.0	24.5	24.8	24.5	25.2	25.1	25.1	25.3	25.3	25.4	25.6	25.7	25.9	26.1	26.3	26.5	26.6	26.8	26.9	27.1	27.2	27.4	0.9%
New Car (MPG) 2/	27.7	28.6	28.7	28.6	29.6	29.5	29.6	29.8	29.8	29.9	30.0	30.2	30.3	30.5	30.7	30.8	31.0	31.1	31.3	31.5	31.7	31.9	0.6%
New Light Truck (MPG) 2/	20.7	21.1	21.1	21.1	21.6	21.5	21.6	21.7	21.8	22.0	22.1	22.3	22.5	22.7	23.0	23.1	23.3	23.4	23.6	23.7	23.8	23.9	0.6%
Light-Duty Fleet (MPG) 3/	19.7	19.8	19.8	19.8	19.7	19.8	19.8	19.8	19.9	19.9	20.0	20.1	20.1	20.2	20.3	20.4	20.5	20.7	20.8	20.9	21.0	21.0	0.3%
New Commercial Light Truck (MPG) 1/	14.0	14.2	14.2	14.2	14.5	14.4	14.4	14.5	14.6	14.7	14.8	14.9	15.0	15.1	15.4	15.4	15.6	15.7	15.8	15.8	15.9	16.0	0.6%
Stock Commercial Light Truck (MPG) 1/	13.6	13.6	13.8	13.8	13.9	14.0	14.1	14.2	14.2	14.3	14.4	14.4	14.4	14.5	14.6	14.7	14.8	14.9	15.0	15.1	15.2	15.3	0.6%
Automotive Efficiency (least miles per gallon)	51.7	52.1	52.3	52.6	53.0	53.5	53.9	54.3	54.8	55.2	55.7	56.1	56.6	57.0	57.5	58.0	58.4	58.9	59.3	59.8	60.2	60.6	0.8%
Freight Truck Efficiency (MPG)	5.9	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.1	6.1	6.1	6.2	6.2	6.3	6.3	6.4	6.4	0.3%
Rail Efficiency (ton miles per thousand Btu)	2.8	2.8	2.8	2.9	2.9	2.9	2.9	3.0	3.0	3.1	3.1	3.1	3.1	3.2	3.2	3.3	3.3	3.3	3.3	3.4	3.4	3.4	1.0%
Domestic Shipping Efficiency (ton miles per thousand Btu)	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4	0.2%
Energy Use by Mode (quadrillion Btu)																							
Light-Duty Vehicles	14.80	14.97	15.19	15.54	16.05	16.47	16.88	17.27	17.67	18.10	18.52	18.93	19.33	19.74	20.11	20.45	20.77	21.09	21.40	21.70	22.03	22.31	2.0%
Commercial Light Trucks 1/	0.61	0.64	0.62	0.64	0.66	0.68	0.70	0.72	0.75	0.77	0.79	0.81	0.84	0.86	0.88	0.89	0.91	0.93	0.95	0.97	0.99	1.01	2.3%
Freight Trucks 4/	4.55	4.80	4.91	5.01	5.19	5.41	5.61	5.77	5.97	6.14	6.34	6.54	6.76	6.94	7.10	7.25	7.38	7.52	7.67	7.83	7.99	8.14	2.7%
Air 5/	3.50	3.62	3.54	3.62	3.74	3.86	4.00	4.12	4.26	4.41	4.57	4.73	4.91	5.06	5.21	5.36	5.52	5.69	5.87	6.05	6.24	6.42	2.9%
Rail 6/	0.58	0.58	0.61	0.60	0.61	0.63	0.64	0.65	0.66	0.67	0.67	0.68	0.70	0.70	0.71	0.71	0.72	0.73	0.74	0.75	0.76	0.77	1.4%
Marine 7/	1.50	1.73	1.63	1.65	1.67	1.68	1.69	1.70	1.71	1.72	1.73	1.74	1.75	1.76	1.76	1.79	1.80	1.81	1.82	1.83	1.84	1.86	0.3%
Pipeline Fuel	0.75	0.79	0.79	0.78	0.80	0.81	0.81	0.83	0.84	0.86	0.87	0.89	0.91	0.92	0.94	0.96	0.98	0.99	1.00	1.02	1.03	1.04	1.4%
Lubricants	0.18	0.18	0.19	0.20	0.21	0.21	0.22	0.22	0.22	0.23	0.23	0.24	0.24	0.24	0.25	0.25	0.26	0.26	0.26	0.27	0.27	0.27	2.1%
Total	26.48	27.32	27.49	28.05	28.92	29.74	30.55	31.28	32.08	32.89	33.73	34.57	35.44	36.23	36.98	37.68	38.35	39.03	39.73	40.43	41.17	41.83	2.2%
Energy Use by Mode (million barrels per day oil equivalent)																							
Light-Duty Vehicles	7.72	7.82	7.94	8.13	8.48	8.70	8.92	9.13	9.34	9.56	9.78	10.00	10.21	10.42	10.62	10.80	10.96	11.13	11.29	11.45	11.62	11.77	2.1%
Commercial Light Trucks 1/	0.32	0.33	0.33	0.34	0.35	0.36	0.37	0.38	0.39	0.40	0.42	0.43	0.44	0.45	0.46	0.47	0.48	0.49	0.50	0.51	0.52	0.53	2.4%
Freight Trucks 4/	2.03	2.14	2.19	2.24	2.32	2.42	2.52	2.59	2.68	2.76	2.85	2.95	3.05	3.13	3.21	3.28	3.34	3.40	3.47	3.55	3.62	3.70	2.8%
Railroad	0.23	0.24	0.25	0.24	0.25	0.26	0.26	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.31	1.3%
Domestic Shipping	0.13	0.14	0.14	0.14	0.14	0.15	0.15	0.15	0.15	0.16	0.16	0.16	0.16	0.17	0.17	0.18	0.18	0.18	0.18	0.18	0.19	0.19	1.5%
International Shipping	0.39	0.48	0.43	0.44	0.44	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.46	0.46	0.46	0.46	-0.2%	
Air 5/	1.46	1.51	1.46	1.46	1.54	1.59	1.66	1.71	1.77	1.84	1.92	1.99	2.07	2.14	2.21	2.29	2.36	2.44	2.53	2.61	2.70	2.79	3.1%
Military Use	0.29	0.30	0.31	0.32	0.33	0.33	0.33	0.34	0.35	0.35	0.35	0.36	0.36	0.36	0.37	0.37	0.37	0.38	0.38	0.38	0.38	1.3%	
Bus Transportation	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.5%	
Rail Transportation 6/	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	1.9%
Recreational Boats	0.16	0.16	0.16	0.16	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.19	0.19	0.19	0.20	0.20	0.20	1.0%
Lubricants	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.13	2.1%
Pipeline Fuel	0.38	0.40	0.40	0.39	0.40	0.41	0.41	0.42	0.42	0.43	0.44	0.45	0.46	0.47	0.48	0.49	0.50	0.51	0.52	0.52	0.53	1.4%	
Total	13.33	13.73	13.83	14.12	14.64	15.06	15.47	15.84	16.24	16.65	17.07	17.48	17.92	18.32	18.70	19.05	19.38	19.72	20.07	20.42	20.79	21.12	2.2%

1/ Commercial trucks 8,500 to 10,000 pounds.

2/ Environmental Protection Agency rated miles per gallon.

3/ Combined car and light truck "on-the-road" estimate.

4/ Includes energy use by buses and military distillate consumption.

5/ Includes jet fuel and aviation gasoline.

6/ Includes passenger rail.

7/ Includes military residual fuel use and recreation boats.

Btu = British thermal unit.

VMT = Vehicle miles traveled.

Table 7. Transportation Sector Key Indicators and Delivered Energy Consumption (2 of 2)

MPG = Miles per gallon.

Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.

Sources: 1999: Energy Information Administration (EIA), Natural Gas Annual 1999, DOE/EIA-0131(99) (Washington, DC, October 2000); Federal Highway Administration, Highway Statistics 1999 (Washington, DC, November 2000); Oak Ridge National Laboratory, Transportation Energy Data Book, 12, 13, 14, 15, 16, 17, 18, 19, and 20 (Oak Ridge, TN, September 2000); National Highway Traffic and Safety Administration, Summary of Fuel Economy Performance (Washington, DC, February 2000); EIA, Household Vehicle Energy Consumption 1994, DOE/EIA-0464(94) (Washington, DC, August 1997); U.S. Department of Commerce, Bureau of the Census, "Vehicle Inventory and Use Survey," EC97TV (Washington, DC, October 1999); EIA, Describing Current and Potential Markets for Alternative-Fuel Vehicles, DOE/EIA-0604(96) (Washington, DC, March 1996); EIA, Alternatives To Traditional Transportation Fuels 1998, http://www.eia.doe.gov/cneaf/alt_trans98/table1.html; and EIA, State Energy Data Report 1999, DOE/EIA-0214(99) (Washington, DC, May 2001). 2000: U.S. Department of Transportation, Research and Special Programs Administration, Air Carrier Statistics Monthly, December 2001/1999 (Washington, DC, 2000); EIA, Short-Term Energy Outlook, October 2001, <http://www.eia.doe.gov/pub/forecasting/steo/oktsteo/oct01.pdf>; EIA, Fuel Oil and Kerosene Sales 1999, DOE/EIA-0535(99) (Washington, DC, August 2000); and United States Department of Defense, Defense Fuel Supply Center. Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 8. Electricity Supply, Disposition, Prices, and Emissions (1 of 2)
(Billion Kilowatthours, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Generation by Fuel Type																							
Electricity Generators 1/																							
Coal	1837	1922	1933	1944	2004	2045	2095	2143	2194	2208	2226	2243	2256	2286	2311	2334	2368	2410	2475	2508	2564	2644	1.6%
Petroleum	110	93	111	43	43	46	43	42	38	37	36	34	31	33	34	34	35	36	38	41	43	45	-3.6%
Natural Gas 2/	363	417	441	497	533	589	631	681	755	834	895	975	1058	1120	1182	1246	1303	1335	1358	1407	1436	1440	6.4%
Nuclear Power	728	752	763	761	757	758	759	760	741	740	737	732	726	726	722	719	707	707	702	702	702	702	-0.3%
Pumped Storage	-3	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	0.4%
Renewable Sources 3/	356	321	279	346	366	370	375	376	378	381	387	390	393	393	395	399	401	404	405	409	413	414	1.3%
Total	3352	3504	3526	3591	3702	3808	3903	4001	4106	4189	4284	4377	4469	4557	4643	4732	4813	4892	4977	5064	5157	5243	2.0%
Non-Utility Generation for Own Use	25	30	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	0.4%
Distributed Generation	0	0	0	0	0	0	0	1	1	2	2	3	3	4	4	5	6	6	7	8	9	9	N/A
Cogenerators 4/																							
Coal	50	46	47	47	47	48	49	49	50	50	50	50	49	49	49	49	49	49	49	49	49	49	0.3%
Petroleum	14	10	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	11	11	1.0%
Natural Gas	198	209	215	221	230	236	241	246	249	254	258	264	270	276	283	289	296	304	311	320	328	337	2.4%
Other Gaseous Fuels 5/	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	3.9%
Renewable Sources 3/	33	33	33	33	34	36	38	40	42	42	43	44	46	47	49	50	51	53	54	56	57	58	2.9%
Other 6/	11	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	0.1%
Total	315	307	315	320	334	343	351	358	364	369	375	381	389	397	405	413	422	431	440	451	461	472	2.2%
Other End-Use Generators 7/																							
Coal	6	4	3	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	1.4%
Sales to Utilities	168	163	166	170	175	178	180	182	184	186	188	190	193	196	200	203	207	211	215	220	225	230	1.7%
Generation for Own Use	153	147	153	153	163	169	175	180	185	188	192	196	201	206	210	215	220	225	230	236	241	247	2.6%
Net Imports 8/	25	35	35	33	47	47	54	49	45	41	40	41	43	43	44	44	47	46	45	45	43	44	1.1%
Electricity Sales by Sector																							
Residential	1145	1193	1231	1260	1304	1334	1367	1375	1394	1416	1431	1452	1473	1501	1522	1548	1575	1601	1620	1643	1669	1701	1.8%
Commercial	1104	1144	1171	1191	1231	1269	1306	1342	1379	1415	1451	1488	1525	1563	1601	1641	1678	1712	1745	1778	1811	1843	2.4%
Industrial	1059	1071	1023	1030	1077	1115	1150	1185	1228	1259	1286	1321	1357	1393	1408	1432	1455	1478	1505	1535	1569	1596	2.0%
Transportation	17	18	18	19	20	20	21	21	22	22	23	24	24	25	26	27	28	28	29	31	32	33	3.2%
Total	3324	3428	3443	3509	3631	3739	3833	3923	4022	4112	4191	4284	4380	4472	4557	4647	4735	4819	4899	4987	5081	5173	2.1%
End-Use Prices (2000 cents per kWh) 9/																							
Residential	8.3	8.3	8.4	8.1	7.8	7.9	7.9	7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0	7.9	7.9	8.0	8.0	8.1	8.1	8.1	-0.1%
Commercial	7.3	7.5	7.8	7.4	7.2	7.2	7.1	7.1	7.0	7.1	7.1	7.1	7.2	7.1	7.1	7.1	7.1	7.1	7.1	7.2	7.2	7.3	-0.2%
Industrial	4.4	4.6	4.7	4.5	4.4	4.5	4.4	4.4	4.4	4.5	4.5	4.5	4.6	4.5	4.5	4.5	4.5	4.6	4.6	4.7	4.7	4.7	0.1%
Transportation	7.1	7.4	7.2	7.0	6.3	6.0	5.8	5.7	5.9	6.1	6.3	6.5	6.6	6.7	6.8	6.8	6.8	6.8	6.8	6.7	6.6	6.5	-0.8%
All Sectors Average	6.7	6.9	7.1	6.8	6.6	6.6	6.6	6.5	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.7	6.7	6.8	6.8	-0.1%
Prices by Service Category																							
(2000 cents per kilowatthour)																							
Generation	4.1	4.3	4.6	4.3	4.0	4.1	4.0	4.0	3.9	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.1	4.2	-0.1%
Transmission	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.4%
Distribution	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	2.0	2.0	1.9	1.9	1.9	-0.2%
Emissions (million short tons)																							
Sulfur Dioxide	12.46	11.05	11.09	11.29	10.99	10.59	10.39	10.34	10.14	9.94	9.85	9.70	9.85	9.95	9.95	9.95	9.94	9.95	9.94	9.95	9.94	9.94	-1.1%
Nitrogen Oxide	5.71	4.28	4.33	4.33	4.48	3.90	3.97	4.04	4.08	4.08	4.08	4.08	4.08	4.11	4.12	4.13	4.15	4.16	4.18	4.19	4.21	4.22	-0.1%

1/ Includes grid-connected generation at all utilities and nonutilities except for cogenerators. Includes small power producers and exempt wholesale generators.
2/ Includes electricity generation by fuel cells.
3/ Includes conventional hydroelectric, geothermal, wood, municipal solid waste, landfill gas, other biomass, solar, and wind power.
4/ Cogenerators produce electricity and other useful thermal energy. Includes sales to utilities and generation for own use.
5/ Other gaseous fuels include refinery and still gas.

Table 8. Electricity Supply, Disposition, Prices, and Emissions (2 of 2)
(Billion Kilowatthours, Unless Otherwise Noted)

6/ Other includes hydrogen, sulfur, batteries, chemicals, fish oil, and spent sulfite liquor.
7/ Includes small on-site generating systems in the residential, commercial, and industrial sectors used primarily for own-use generation, but which may also sell some power to the grid.
8/ In 1999 approximately 70 percent of the U.S. electricity imports were provided by renewable sources (hydroelectricity). EIA does not project future proportions for the fuel source of imported electricity.
9/ Prices represent average revenue per kilowatthour.
Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.
Sources: 1999: electric generators and cogenerators generation, sales to utilities, net imports, residential, industrial, and total electricity sales, and emissions: Energy Information Administration (EIA), Electric Power Annual 1999, Volume II, DOE/EIA-0348(99/2) (Washington, DC, October 2000), and supporting databases. Other generators: EIA, Form EIA-860B: "Annual Electric Generator Report - Nonutility" and Department of Energy, Office of Energy Efficiency and Renewable Energy estimates. Commercial and transportation electricity sales: EIA estimates based on Oak Ridge National Laboratory, Transportation Energy Data Book 20 (Oak Ridge, TN, November 2000). Prices: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b. 2000 and projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 9. Electricity Generating Capability (1 of 2)
(Gigawatts)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Electricity Generators 2/																							
Capacity																							
Coal Steam	304.6	304.6	304.6	304.9	304.6	303.3	303.7	302.8	302.9	303.8	305.8	307.4	300.4	312.4	315.1	318.0	322.1	327.5	335.9	339.8	347.6	358.3	0.8%
Other Fossil Steam 3/	135.7	135.0	134.5	133.5	132.6	130.6	127.4	123.4	117.3	116.0	115.4	115.2	114.5	114.5	113.9	113.4	113.2	113.2	112.6	112.6	112.5	112.3	-0.9%
Combined Cycle	20.7	30.6	35.2	36.5	36.5	50.4	59.9	71.8	95.1	114.6	132.2	149.6	164.9	176.0	183.3	192.9	201.4	208.7	214.2	220.0	224.6	228.6	10.6%
Combustion Turbine/Diesel	63.2	77.7	81.0	80.8	87.8	99.3	105.4	117.3	125.1	129.0	131.9	135.9	138.5	139.2	143.2	148.3	152.9	157.9	163.6	169.4	173.9	176.8	4.2%
Nuclear Power	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	95.0	95.0	94.3	93.6	92.8	92.1	89.6	88.8	88.8	88.0	88.0	88.0	88.0	-0.5%
Pumped Storage	19.2	19.2	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	0.1%
Fuel Cells	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	35.2%
Renewable Sources 4/	88.9	88.1	91.4	92.8	93.7	94.3	95.2	95.7	96.0	96.4	97.1	97.3	97.7	98.0	98.5	99.0	99.7	100.3	100.9	101.5	102.2	102.6	0.7%
Distributed Generation 5/	0.0	0.0	0.0	0.0	0.3	0.5	0.9	1.5	2.8	4.1	5.2	6.3	7.2	8.1	9.6	11.2	12.8	14.5	16.5	18.4	20.1	21.6	N/A
Total	729.6	753.8	783.8	775.7	782.7	795.9	809.8	829.8	853.9	877.6	902.2	926.0	945.6	960.7	975.6	992.2	1010.8	1030.9	1051.6	1069.6	1088.8	1108.0	1.9%
Cumulative Planned Additions 6/																							
Coal Steam	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Other Fossil Steam 3/	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Combined Cycle	0.0	0.0	4.7	5.1	5.1	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	N/A
Combustion Turbine/Diesel	0.0	0.0	3.3	3.3	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	N/A
Nuclear Power	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Pumped Storage	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	N/A
Fuel Cells	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	N/A
Renewable Sources 4/	0.0	0.0	2.2	3.4	4.2	4.9	5.6	5.9	6.2	6.4	6.8	7.0	7.2	7.3	7.6	7.8	7.9	8.0	8.1	8.1	8.1	8.2	N/A
Distributed Generation 5/	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Total	0.0	0.0	10.5	12.2	13.4	15.5	16.3	16.5	16.9	17.1	17.5	17.7	18.0	18.1	18.4	18.6	18.7	18.8	18.9	18.9	19.0	19.0	N/A
Cumulative Unplanned Additions 6/																							
Coal Steam	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	2.7	4.1	6.1	7.7	9.8	12.8	15.7	19.1	23.2	28.7	37.0	42.1	49.9	60.7	N/A
Other Fossil Steam 3/	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Combined Cycle	0.0	0.0	0.0	0.0	0.0	12.5	21.9	33.8	57.1	76.7	94.2	111.7	127.0	138.0	145.3	154.9	163.4	170.8	176.3	182.0	186.6	190.6	N/A
Combustion Turbine/Diesel	0.0	0.0	0.0	10.0	17.6	20.9	28.6	40.9	49.1	52.0	56.2	60.7	64.1	66.2	70.4	75.9	80.6	85.5	91.2	97.1	101.6	105.2	N/A
Nuclear Power	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Pumped Storage	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Fuel Cells	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Renewable Sources 4/	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.6	0.7	0.9	1.1	1.3	1.7	2.2	2.7	3.2	3.8	4.4	4.8	4.8	N/A
Distributed Generation 5/	0.0	0.0	0.0	0.0	0.3	0.5	0.9	1.5	2.8	4.1	5.2	6.3	7.2	8.1	9.6	11.2	12.8	14.5	16.5	18.4	20.1	21.6	N/A
Total	0.0	0.0	0.0	10.0	17.8	33.9	52.5	78.4	111.9	137.2	162.3	187.2	208.9	226.1	242.4	262.8	282.1	302.1	324.2	343.4	362.7	382.9	N/A
Cumulative Total Additions	0.0	0.0	10.5	22.2	31.2	49.4	68.7	94.9	128.7	154.4	179.8	204.9	229.9	244.3	260.8	281.4	300.9	320.9	343.0	362.3	381.7	401.8	N/A
Cumulative Retirements 7/																							
Coal Steam	0.0	0.0	0.2	0.2	0.2	1.5	2.1	4.0	4.6	5.1	5.1	5.1	5.1	5.2	5.4	5.9	5.9	5.9	5.9	7.1	7.1	7.1	N/A
Other Fossil Steam 3/	0.0	0.0	0.2	0.4	1.2	3.2	6.4	10.5	16.5	17.9	18.5	18.6	19.3	19.4	19.9	20.5	20.6	21.2	21.3	21.4	21.4	21.6	N/A
Combined Cycle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Combustion Turbine/Diesel	0.0	0.0	0.1	0.3	1.3	3.0	4.7	4.9	5.4	5.4	5.7	6.2	7.0	8.4	8.6	9.0	9.0	9.0	9.0	9.0	9.0	9.9	N/A
Nuclear Power	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Pumped Storage	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Fuel Cells	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Renewable Sources 4/	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	N/A
Total	0.0	0.0	0.5	0.9	2.7	7.8	13.3	19.6	29.4	31.3	32.1	33.4	35.8	38.1	39.7	43.7	44.6	46.0	47.3	47.4	48.4	48.4	N/A
Cogenerators 8/																							
Capacity																							
Coal	8.4	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.8	8.8	8.8	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	-0.2%
Petroleum	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	0.0%
Natural Gas	33.8	35.9	37.8	38.0	38.8	39.6	40.4	41.2	41.9	42.6	43.3	44.1	44.9	45.7	46.6	47.5	48.5	49.6	50.6	51.8	52.9	54.2	2.1%
Other Gaseous Fuels	0.7	0.7	0.7	0.7	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.6	4.4%
Renewable Sources 4/	5.8	5.8	5.8	5.8	6.0	6.3	6.6	6.9	7.2	7.2	7.4	7.6	7.9	8.1	8.3	8.6	8.8	9.0	9.2	9.5	9.7	9.9	2.7%
Other	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	-0.1%
Total	52.2	54.7	56.8	56.9	58.2	59.3	60.4	61.5	62.5	63.2	64.1	65.1	66.1	67.2	68.3	69.5	70.7	72.0	73.4	74.8	76.2	77.7	1.8%
Cumulative Additions 6/	0.0	0.0	1.9	2.1	3.5	4.6	5.7	6.8	7.8	8.5	9.4	10.3	11.3	12.5	13.6	14.8	16.0	17.3	18.6	20.1	21.5	23.0	N/A
Other End-Use Generators 9/																							
Renewable Sources 10/	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.9%
Cumulative Additions	0.0	0.0	0.0	0.0	0.0	0.1</																	

**Table 9. Electricity Generating Capability (2 of 2)
(Gigawatts)**

1/ Net summer capability is the steady hourly output that generating equipment is expected to supply to system load (exclusive of auxiliary power), as demonstrated by tests during summer peak demand.

2/ Includes grid-connected utilities and nonutilities except for cogenerators. Includes small power producers and exempt wholesale generators.

3/ Includes oil, gas, and dual-fired capability.

4/ Includes conventional hydroelectric, geothermal, wood, wood waste, municipal solid waste, landfill gas, other biomass, solar and wind power.

5/ Primarily peak-load capacity fueled by natural gas.

6/ Cumulative additions after December 31, 2000.

7/ Cumulative total retirements after December 31, 2000.

8/ Nameplate capacity is reported for nonutilities on Form EIA-860B, "Annual Electric Generator Report - Nonutility." Nameplate capacity is designated by the manufacturer.

The nameplate capacity has been converted to the net summer capability based on historic relationships.

9/ Includes small on-site generating systems in the residential, commercial, and industrial sectors used primarily for own-use generation, but which may also sell some power to the grid.

Excludes off-grid photovoltaics and other generators not connected to the distribution or transmission systems.

10/ See Table 17 for more detail.

N/A - Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports. Net summer capability has been estimated for nonutility generators to be consistent with capability estimates for electric utility generators.

Sources: 1999 electric utilities capability and projected planned additions: Energy Information Administration (EIA), Form EIA-860A: "Annual Electric Generator Report - Utility."

1999 nonutilities including cogenerators capability and projected planned additions: EIA, Form EIA-860B: "Annual Electric Generator Report - Nonutility" and New Gen Data and Analysis, R2I Consulting/FT Energy (Boulder, CO, August 2000).

1999 other generators capability: EIA, Form EIA-860B: "Annual Electric Generator Report - Nonutility," and Department of Energy, Office of Energy Efficiency and Renewable Energy estimates. 2000 and projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 10. Electricity Trade (1 of 1)
(Billion Kilowatthours, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Interregional Electricity Trade																							
Gross Domestic Firm Power Sales	182.2	196.9	142.7	138.9	136.7	132.4	125.3	117.0	117.0	115.0	114.4	102.9	91.5	80.0	68.6	57.2	45.7	34.3	22.9	11.4	5.7	0.0	N/A
Gross Domestic Economy Sales	116.7	150.5	151.5	157.6	175.8	186.4	188.4	199.5	205.3	201.6	195.0	190.3	182.1	180.9	183.6	181.3	185.4	182.8	184.7	189.6	188.7	187.8	1.1%
Gross Domestic Trade	298.9	307.3	294.2	296.4	312.5	318.8	313.7	316.5	322.3	316.6	309.3	293.2	273.6	260.9	252.2	238.4	231.1	217.1	207.6	201.0	194.4	187.8	-2.4%
Gross Domestic Firm Power Sales (million 2000 dollars)	8798.5	7576.3	6893.4	6705.6	6599.8	6395.0	6050.5	5648.3	5648.2	5554.9	5522.3	4970.1	4417.8	3865.6	3313.4	2781.2	2208.9	1656.7	1104.5	552.2	276.1	0.0	N/A
Gross Domestic Economy Sales (million 2000 dollars)	3674.8	6854.8	6684.6	4643.4	5845.9	6403.4	6464.8	6763.7	6978.6	6959.5	6716.9	6601.0	6429.7	6433.6	6546.2	6505.2	6722.1	6695.8	6845.2	7163.9	7210.9	7208.2	0.3%
Gross Domestic Sales (million 2000 dollars)	12473.3	14431.1	13558.1	11349.0	12445.7	12798.4	12515.2	12413.0	12626.8	12514.4	12239.2	11571.1	10847.5	10299.2	9859.6	9266.3	8931.0	8352.4	7949.7	7716.1	7487.0	7208.2	-3.4%
International Electricity Trade																							
Firm Power Imports From Canada & Mexico 1/	19.0	23.7	16.5	14.8	13.6	11.1	10.7	6.7	6.7	6.5	5.8	5.2	4.5	3.9	3.2	2.6	1.9	1.3	0.6	0.3	0.0	N/A	
Economy Imports From Canada & Mexico 1/	19.9	24.2	31.5	31.1	45.8	52.2	59.8	58.7	55.0	50.4	51.3	53.5	52.8	53.4	52.8	46.3	44.9	53.1	52.6	50.9	51.2	51.2	3.8%
Gross Imports From Canada & Mexico 1/	38.9	47.9	48.0	45.7	59.3	63.2	70.4	65.3	61.7	57.6	56.8	57.1	58.6	57.3	57.3	56.0	58.9	56.9	54.4	53.2	51.2	51.2	0.3%
Firm Power Exports To Canada & Mexico	3.0	6.6	6.5	6.5	6.0	9.7	9.7	9.7	9.7	9.7	9.7	8.7	7.8	6.8	5.8	4.8	3.9	2.9	1.9	1.0	0.5	0.0	N/A
Economy Exports To Canada & Mexico	10.5	8.4	6.5	6.8	6.7	6.9	7.0	7.1	7.2	7.4	7.5	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	0.9%
Gross Exports To Canada & Mexico	13.5	13.0	13.1	13.1	12.7	16.6	16.7	16.8	16.9	17.1	17.2	16.4	15.4	14.4	13.5	12.5	11.5	10.6	9.6	8.6	8.1	7.7	-2.6%

1/ Historically electricity imports were primarily from renewable resources, principally hydroelectric.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.

Firm Power Sales are capacity sales, meaning the delivery of the power is scheduled as part of the normal operating conditions of the affected electric systems. Economy

Sales are subject to curtailment or cessation of delivery by the supplier in accordance with prior agreements or under specified conditions.

Sources: 1999 interregional firm electricity trade data: North American Electric Reliability Council (NERC), Electricity Sales and Demand Database 1999, 1999 international

electricity trade data: DOE Form FE-718R, "Annual Report of International Electrical Export/Import Data." 1999 firm/economy share: National Energy Board, Annual Report 1999.

2000 and Projections: Energy Information Administration, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 11. Petroleum Supply and Disposition Balance (1 of 2)
(Million Barrels per Day, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Crude Oil																							
Domestic Crude Production 1/	5.87	5.82	5.84	5.85	5.68	5.50	5.38	5.32	5.32	5.25	5.16	5.11	5.08	5.10	5.37	5.50	5.67	5.78	5.85	5.86	5.77	5.81	0.0%
Alaska	1.06	0.97	0.97	0.97	0.91	0.85	0.80	0.80	0.78	0.75	0.71	0.70	0.71	0.75	0.79	0.84	0.90	1.02	1.11	1.11	1.08	1.10	0.6%
Lower 48 States	4.82	4.85	4.87	4.88	4.77	4.65	4.58	4.53	4.54	4.49	4.45	4.40	4.38	4.35	4.57	4.66	4.76	4.76	4.74	4.75	4.69	4.71	-0.2%
Net Imports	8.61	9.02	9.02	9.55	9.41	9.98	10.50	10.71	11.03	11.27	11.44	11.61	11.72	11.74	11.53	11.43	11.30	11.23	11.19	11.26	11.43	11.47	1.2%
Gross Imports	8.73	9.07	9.07	9.60	9.47	10.03	10.55	10.75	11.08	11.32	11.49	11.65	11.76	11.78	11.58	11.49	11.37	11.30	11.27	11.34	11.50	11.54	1.2%
Exports	0.12	0.05	0.05	0.05	0.07	0.06	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.05	0.06	0.06	0.07	0.07	0.07	0.07	0.07	1.7%
Other Crude Supply 2/	0.31	0.23	0.22	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Total Crude Supply	14.78	15.07	15.08	15.50	15.09	15.48	15.88	16.03	16.35	16.52	16.81	16.72	16.80	16.84	16.90	16.93	16.97	17.01	17.05	17.12	17.20	17.28	0.7%
Natural Gas Plant Liquids	1.85	1.91	1.81	1.90	2.10	2.14	2.16	2.22	2.27	2.33	2.37	2.43	2.49	2.53	2.58	2.64	2.69	2.74	2.76	2.82	2.85	2.88	2.1%
Other Inputs 3/	0.60	0.35	0.33	0.38	0.32	0.32	0.34	0.30	0.38	0.28	0.29	0.28	0.33	0.37	0.39	0.44	0.44	0.46	0.45	0.45	0.30	0.38	0.5%
Refinery Processing Gain 4/	0.88	0.95	0.93	0.93	0.87	0.87	0.88	0.84	0.88	0.99	1.02	1.03	1.03	1.03	1.02	1.02	1.02	1.03	1.03	1.04	1.04	1.04	0.5%
Net Product Imports 5/	1.30	1.40	1.53	1.39	2.14	2.28	2.30	2.52	2.57	2.89	3.26	3.59	3.97	4.38	4.69	4.95	5.25	5.49	5.87	6.17	6.69	6.90	8.3%
Gross Refined Prod. Imports 6/	1.73	2.04	2.16	1.96	2.57	2.65	2.67	2.93	2.89	3.20	3.44	3.73	4.06	4.39	4.69	4.90	5.22	5.49	5.89	6.18	6.70	6.91	6.3%
Unfinished Oil Imports	0.32	0.27	0.26	0.32	0.32	0.36	0.40	0.41	0.52	0.55	0.69	0.75	0.81	0.88	0.91	0.97	0.96	0.94	0.94	0.95	0.96	0.98	6.6%
Ether Imports	0.08	0.08	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Exports	0.82	0.99	0.94	0.94	0.74	0.75	0.76	0.82	0.84	0.88	0.87	0.89	0.90	0.91	0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.0%
Total Primary Supply 7/	19.43	19.68	19.68	20.10	20.52	21.06	21.56	22.00	22.54	23.02	23.55	24.06	24.63	25.12	25.58	25.98	26.37	26.73	27.16	27.60	28.09	28.49	1.9%
Refined Petroleum Products Supplied																							
Motor Gasoline 8/	8.36	8.50	8.57	8.75	9.09	9.31	9.52	9.72	9.93	10.14	10.36	10.57	10.79	11.00	11.20	11.37	11.54	11.71	11.87	12.03	12.21	12.36	1.9%
Jet Fuel 9/	1.87	1.73	1.69	1.73	1.79	1.85	1.91	1.97	2.03	2.10	2.18	2.26	2.34	2.41	2.49	2.56	2.63	2.71	2.80	2.88	2.97	3.06	2.9%
Distillate Fuel 10/	3.55	3.67	3.80	3.83	3.96	4.10	4.23	4.33	4.44	4.55	4.66	4.78	4.91	5.02	5.11	5.20	5.28	5.37	5.47	5.57	5.67	5.78	2.3%
Residual Fuel	0.99	1.04	1.01	0.72	0.71	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.71	0.73	0.74	0.74	0.75	0.75	0.76	0.77	0.78	0.78	1.4%
Other 11/	4.95	4.80	4.58	4.86	5.03	5.13	5.23	5.32	5.49	5.56	5.67	5.78	5.84	6.03	6.11	6.18	6.24	6.25	6.33	6.40	6.51	6.56	1.8%
Total	19.53	19.74	19.65	19.89	20.58	21.12	21.62	22.06	22.81	23.09	23.62	24.13	24.69	25.19	25.64	26.05	26.44	26.80	27.22	27.66	28.14	28.54	1.9%
Refined Petroleum Products Supplied																							
Residential and Commercial	1.17	1.12	1.11	1.11	1.12	1.12	1.11	1.11	1.11	1.11	1.10	1.10	1.09	1.09	1.08	1.08	1.07	1.07	1.06	1.06	1.06	1.06	-0.3%
Industrial 12/	4.98	4.96	4.71	4.98	5.16	5.29	5.41	5.51	5.69	5.78	5.91	6.03	6.19	6.30	6.39	6.47	6.54	6.57	6.66	6.74	6.87	6.94	1.7%
Transportation	12.89	13.26	13.35	13.63	14.14	14.54	14.94	15.29	15.68	16.07	16.48	16.89	17.31	17.69	18.05	18.39	18.71	19.04	19.38	19.72	20.07	20.40	2.2%
Electricity Generators 13/	0.48	0.41	0.47	0.16	0.16	0.18	0.18	0.18	0.14	0.13	0.12	0.12	0.10	0.11	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.15	-4.9%
Total	19.53	19.74	19.65	19.89	20.58	21.12	21.62	22.06	22.81	23.09	23.62	24.13	24.69	25.19	25.64	26.05	26.44	26.80	27.22	27.66	28.14	28.54	1.9%
Discrepancy 14/	-0.10	-0.07	0.04	0.21	-0.05	-0.06	-0.06	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.06	-0.07	-0.06	-0.06	-0.06	-0.06	-0.06	-0.06	N/A
World Oil Price (2000 dollars per barrel) 15/	17.60	27.72	22.48	21.17	22.51	22.75	22.93	23.12	23.30	23.49	23.70	23.87	24.05	24.25	24.44	24.84	24.83	25.03	25.22	25.41	25.62	25.81	-0.4%
Import Share of Product Supplied	0.51	0.53	0.54	0.55	0.56	0.58	0.59	0.60	0.60	0.61	0.62	0.63	0.64	0.64	0.63	0.63	0.63	0.62	0.63	0.63	0.64	0.64	1.0%
Net Expenditures for Imported Crude & Petroleum Products (billion 2000 dollars)	61.09	106.48	90.48	87.64	86.59	103.46	109.17	114.60	118.64	125.24	131.36	136.91	142.82	148.81	151.87	155.52	159.02	162.67	167.70	173.05	181.33	185.75	2.8%
Domestic Refinery Distillation Capacity 16/	16.5	16.6	16.8	16.8	16.9	17.2	17.6	17.8	18.0	18.2	18.2	18.2	18.2	18.2	18.3	18.3	18.3	18.4	18.4	18.5	18.6	18.7	0.6%
Capacity Utilization Rate (percent)	93.0	93.0	94.0	93.0	89.5	90.1	90.8	90.8	91.4	91.4	91.9	92.5	93.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	0.0%

1/ Includes lease condensate.

2/ Strategic petroleum reserve stock additions plus unaccounted for crude oil and crude stock withdrawals minus crude products supplied.

3/ Includes alcohols, ethers, petroleum product stock withdrawals, domestic sources of blending components, other hydrocarbons, and natural gas converted to liquid fuel.

4/ Represents volumetric gain in refinery distillation and cracking processes.

5/ Includes net imports of finished petroleum products, unfinished oils, other hydrocarbons, alcohols, ethers, and blending components.

6/ Includes blending components.

7/ Total crude supply plus natural gas plant liquids, other inputs, refinery processing gain, and net petroleum imports.

8/ Includes ethanol and ethers blended into gasoline.

9/ Includes naphtha and kerosene types.

10/ Includes distillate and kerosene.

Table 11. Petroleum Supply and Disposition Balance (1 of 2)
(Million Barrels per Day, Unless Otherwise Noted)

11/ Includes aviation gasoline, liquefied petroleum gas, petrochemical feedstocks, lubricants, waxes, asphalt, road oil, still gas, special naphthas, petroleum coke, crude oil product supplied, and miscellaneous petroleum products.

12/ Includes consumption by cogenerators.

13/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers and exempt wholesale generators.

14/ Balancing item. Includes unaccounted for supply, losses and gains.

15/ Average refiner acquisition cost for imported crude oil.

16/ End-of-year capacity.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.

Sources: 1999 and 2000 product supplied data from Table 2. Other 1999 data: Energy Information Administration (EIA), Petroleum Supply Annual 1999, DOE/EIA-0340/99/1

(Washington, DC, June 2000). Other 2000 data: EIA, Petroleum Supply Annual 2000, DOE/EIA-0340(2000)/1 (Washington, DC, June 2001). Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 12. Petroleum Product Prices (1 of 1)
(2000 Cents per Gallon, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
World Oil Price (2000 dollars per barrel)	17.60	27.72	22.48	21.17	22.51	22.75	22.93	23.12	23.30	23.49	23.70	23.87	24.05	24.25	24.44	24.64	24.82	25.03	25.22	25.41	25.62	25.81	-0.4%
Delivered Sector Product Prices																							
Residential																							
Distillate Fuel	88.6	130.7	125.4	115.2	106.2	107.2	108.5	107.4	108.7	108.8	110.9	111.0	111.4	112.8	115.4	118.0	118.8	119.2	119.6	120.0	120.5	120.9	-0.4%
Liquefied Petroleum Gas	90.4	117.1	106.7	104.7	110.9	112.7	113.2	112.8	113.8	115.8	116.1	116.7	117.1	117.5	118.1	118.6	118.9	119.4	119.9	120.3	120.8	121.2	0.2%
Commercial																							
Distillate Fuel	61.8	98.2	82.1	78.7	75.2	76.3	77.4	76.4	77.6	77.7	80.2	80.2	80.5	82.4	84.7	87.6	88.8	89.3	89.6	90.0	90.7	91.2	-0.4%
Residual Fuel	39.7	51.8	58.8	54.2	55.7	56.3	56.6	57.0	57.4	57.8	58.6	58.4	58.4	58.8	60.2	60.7	61.1	61.5	62.0	62.5	62.9	62.9	1.0%
Residual Fuel (2000 dollars per barrel)	16.68	21.77	24.69	22.77	23.39	23.66	23.77	23.95	24.09	24.26	24.46	24.50	24.73	24.90	25.12	25.30	25.48	25.67	25.84	26.02	26.23	26.41	1.0%
Industrial 1/																							
Distillate Fuel	65.4	99.9	83.1	79.8	76.5	77.6	78.7	77.7	79.0	79.1	82.4	82.1	82.5	85.1	87.1	90.6	92.5	93.2	93.6	94.1	95.3	95.9	-0.2%
Liquefied Petroleum Gas	75.5	100.6	86.2	84.1	71.2	73.4	73.9	72.4	73.9	75.5	76.0	76.6	76.8	77.1	77.5	77.9	78.2	78.8	79.0	79.4	79.9	80.3	-1.1%
Residual Fuel	41.1	48.9	55.9	51.4	53.0	53.7	54.0	54.4	54.7	55.1	55.6	55.9	56.0	56.6	57.0	57.5	57.9	58.4	58.8	59.3	59.8	60.3	1.0%
Residual Fuel (2000 dollars per barrel)	17.28	20.55	23.48	21.61	22.26	22.55	22.66	22.85	22.97	23.15	23.35	23.40	23.53	23.75	23.95	24.14	24.32	24.52	24.71	24.91	25.11	25.33	1.0%
Transportation																							
Diesel Fuel (Distillate) 2/	116.0	149.9	145.1	136.5	129.0	130.6	130.9	133.2	141.3	141.8	141.8	146.0	147.3	145.9	145.1	145.5	144.7	144.3	144.3	144.7	144.4	144.9	-0.2%
Jet Fuel 3/	84.9	99.3	80.0	76.8	74.1	75.7	76.6	75.4	77.5	78.1	80.5	81.1	83.2	84.4	85.1	87.0	87.7	88.0	88.3	88.6	88.8	89.1	-0.5%
Motor Gasoline 4/	121.0	152.6	152.0	137.3	135.9	136.4	139.3	140.9	141.2	142.0	142.8	142.7	143.1	143.3	143.3	143.4	143.8	143.6	143.9	145.4	146.4	146.8	-0.2%
Liquefied Petroleum Gas	112.7	136.6	120.5	118.4	122.0	123.7	124.1	124.1	125.5	126.9	127.3	127.8	127.9	128.4	128.7	128.7	129.0	129.3	129.4	129.6	129.6	129.7	-0.3%
Residual Fuel	38.7	65.6	52.5	48.1	50.4	51.0	51.3	51.7	52.1	52.5	53.0	53.3	53.6	54.1	54.5	55.0	55.4	55.9	56.3	56.7	57.2	57.6	-0.6%
Residual Fuel (2000 dollars per barrel)	16.27	27.56	22.03	20.18	21.18	21.41	21.56	21.73	21.88	22.06	22.25	22.39	22.52	22.73	22.91	23.09	23.26	23.46	23.64	23.82	24.02	24.20	-0.6%
Ethanol (E85)	132.4	155.3	155.3	155.3	169.6	170.4	174.2	176.5	176.9	179.2	185.7	189.3	190.9	191.5	192.1	192.7	193.4	194.2	194.9	195.6	196.4	197.4	1.1%
Electricity Generators 5/																							
Distillate Fuel	58.6	95.6	76.7	72.2	68.1	69.1	70.1	69.4	70.6	70.9	73.6	73.3	73.6	75.7	77.9	81.0	82.5	82.8	82.8	82.9	83.7	83.2	-0.7%
Residual Fuel	36.6	61.5	56.4	51.7	52.6	53.0	53.3	53.7	54.1	54.8	55.1	55.5	56.0	56.4	56.7	57.2	57.6	58.1	58.6	59.0	59.7	60.1	-0.1%
Residual Fuel (2000 dollars per barrel)	15.30	25.84	23.67	21.69	22.08	22.25	22.39	22.56	22.74	22.95	23.16	23.35	23.50	23.69	23.83	24.01	24.17	24.39	24.61	24.80	25.07	25.23	-0.1%
Refined Petroleum Product Prices 6/																							
Distillate Fuel	102.1	137.7	130.5	123.2	116.4	118.0	118.9	120.5	127.1	127.6	128.6	132.0	133.3	132.9	133.0	134.2	134.0	133.9	134.1	134.6	134.6	135.1	-0.1%
Jet Fuel 3/	64.9	89.3	80.0	76.8	74.1	75.7	76.6	75.4	77.5	78.1	80.5	81.1	83.2	84.4	85.1	87.0	87.7	88.0	88.3	88.6	88.8	89.1	-0.5%
Liquefied Petroleum Gas	78.5	103.5	73.8	71.3	78.0	80.0	80.4	79.0	80.3	81.9	82.3	82.8	82.9	83.0	83.6	83.8	84.5	84.6	84.9	85.3	85.6	85.6	-0.9%
Motor Gasoline 4/	121.0	152.6	152.0	137.3	135.9	136.4	139.3	140.9	141.2	142.0	142.8	142.7	143.1	143.2	143.3	143.4	143.8	143.6	143.9	145.4	146.4	146.8	-0.2%
Residual Fuel	38.1	61.5	54.7	49.5	51.4	52.0	52.4	52.8	53.1	53.6	54.1	54.4	54.6	55.2	55.6	56.1	56.5	56.9	57.4	57.9	58.4	58.8	-0.2%
Residual Fuel (2000 dollars per barrel)	16.01	25.83	22.97	20.78	21.60	21.84	21.99	22.17	22.31	22.51	22.71	22.85	22.94	23.17	23.35	23.54	23.72	23.92	24.11	24.30	24.52	24.70	-0.2%
Average	99.3	130.5	123.3	114.3	113.1	114.1	115.9	116.8	118.8	119.6	120.6	121.5	122.2	122.3	122.4	123.1	123.3	123.4	124.0	124.5	125.0	125.3	-0.2%

1/ Includes cogenerators.

2/ Diesel fuel containing 500 parts per million (ppm) or 15 ppm sulfur. Includes Federal and State taxes while excluding county and local taxes.

3/ Kerosene-type jet fuel.

4/ Sales weighted-average price for all grades. Includes Federal, State, and local taxes.

5/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers and exempt wholesale generators.

6/ Weighted averages of end-use fuel prices are derived from the prices in each sector and the corresponding sectoral consumption.

Note: Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.

Sources: 1999 prices for gasoline, distillate, and jet fuel are based on prices in the Energy Information Administration (EIA), Petroleum Marketing Annual 1999, http://www.eia.doe.gov/pub/oil_gas/petroleum/data_publications/petroleum_marketing_annual/pma_historical.html (August 2000). 2000 prices for gasoline, distillate, and jet fuel are based on prices in the preliminary Petroleum Marketing Annual 2000.

http://www.eia.doe.gov/pub/oil_gas/petroleum/data_publications/petroleum_marketing_annual/current/pdf/pmaail.pdf

1999 and 2000 prices for all other petroleum products are derived from EIA, State Energy Price and Expenditure Report 1997, DOE/EIA-0376(97)

(Washington, DC, July 2000). Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 13. Natural Gas Supply and Disposition (1 of 1)
(Trillion Cubic Feet per Year)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Production																							
Dry Gas Production 1/	18.69	19.08	19.28	19.62	20.31	20.78	21.10	21.69	22.26	22.97	23.37	24.05	24.66	25.15	25.73	26.39	26.92	27.38	27.62	28.21	28.58	28.93	2.1%
Supplemental Natural Gas 2/	0.10	0.10	0.10	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.7%
Net Imports	3.42	3.52	3.68	3.76	4.07	4.38	4.61	4.74	4.88	4.98	5.16	5.33	5.50	5.63	5.74	5.84	5.94	6.00	6.08	6.15	6.22	6.25	2.9%
Canada	3.33	3.48	3.51	3.55	3.78	4.02	4.20	4.35	4.52	4.64	4.79	4.92	5.07	5.19	5.26	5.34	5.40	5.46	5.53	5.58	5.62	5.63	2.5%
Mexico	-0.01	-0.09	-0.05	-0.09	-0.13	-0.17	-0.22	-0.28	-0.35	-0.42	-0.43	-0.42	-0.40	-0.37	-0.35	-0.32	-0.29	-0.28	-0.27	-0.25	-0.23	-0.20	3.8%
Liquefied Natural Gas	0.10	0.16	0.22	0.30	0.42	0.53	0.64	0.67	0.71	0.76	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	8.6%
Total Supply	22.21	22.69	23.07	23.51	24.50	25.27	25.82	26.54	27.25	28.06	28.64	29.45	30.27	30.90	31.58	32.34	32.97	33.49	33.82	34.47	34.91	35.30	2.2%
Consumption by Sector																							
Residential	4.72	5.00	5.05	5.23	5.35	5.40	5.39	5.42	5.45	5.48	5.49	5.53	5.59	5.66	5.70	5.75	5.80	5.87	5.90	5.94	6.00	6.08	1.0%
Commercial	3.05	3.27	3.31	3.43	3.56	3.63	3.66	3.71	3.76	3.80	3.85	3.91	3.98	4.04	4.11	4.19	4.26	4.33	4.40	4.47	4.54	4.61	1.7%
Industrial 3/	8.60	8.41	7.67	8.55	8.79	8.95	9.09	9.30	9.44	9.57	9.66	9.79	9.92	9.98	10.08	10.19	10.28	10.47	10.53	10.67	10.74	10.94	1.3%
Electricity Generators 4/	3.79	4.25	4.28	4.85	5.19	5.48	5.71	5.98	6.29	6.71	6.98	7.42	7.92	8.31	8.73	9.14	9.51	9.89	9.82	10.16	10.35	10.36	4.6%
Transportation 5/	0.02	0.02	0.03	0.04	0.04	0.05	0.05	0.05	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.14	0.15	0.15	10.2%
Pipeline Fuel	0.74	0.77	0.77	0.76	0.77	0.78	0.79	0.80	0.82	0.84	0.84	0.86	0.88	0.90	0.92	0.94	0.95	0.97	0.98	0.99	1.01	1.01	1.4%
Lease and Plant Fuel 6/	1.08	1.12	1.13	1.14	1.18	1.23	1.27	1.32	1.37	1.42	1.47	1.53	1.56	1.59	1.62	1.66	1.70	1.73	1.74	1.78	1.80	1.82	2.5%
Total	21.99	22.84	22.22	23.99	24.88	25.53	25.97	26.59	27.19	27.90	28.38	29.14	29.95	30.59	31.28	32.00	32.63	33.19	33.50	34.16	34.58	34.99	2.2%
Gas to Liquids	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Discrepancy 7/	0.22	-0.14	0.85	-0.48	-0.38	-0.25	-0.14	-0.05	0.06	0.16	0.26	0.36	0.32	0.31	0.31	0.35	0.34	0.31	0.32	0.32	0.33	0.31	N/A

1/ Marketed production (wet) minus extraction losses.

2/ Synthetic natural gas, propane air, coke oven gas, refinery gas, biomass gas, air injected for Btu stabilization, and manufactured gas commingled and distributed with natural gas.

3/ Includes consumption by cogenerators.

4/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers and exempt wholesale generators.

5/ Compressed natural gas used as vehicle fuel.

6/ Represents natural gas used in the field gathering and processing plant machinery.

7/ Balancing item. Natural gas lost as a result of converting flow data measured at varying temperatures and pressures to a standard temperature and pressure and the merger of different data reporting systems which vary in scope, format, definition, and respondent type. In addition, 1999 and 2000 values include net storage injections.

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.

Sources: 1999 supply values and consumption as lease, plant, and pipeline fuel: Energy Information Administration (EIA), Natural Gas Annual, DOE/EIA-0131(1999)

(Washington, DC, October 2000). Other 1999 consumption derived from: EIA, State Energy Data Report 1999, DOE/EIA-0214(1999) (Washington, DC, May 2001). 2000

supplemental natural gas: EIA, Natural Gas Monthly, DOE/EIA-0130(2001.06) (Washington, DC, June 2001). 1999 imports and dry gas production derived from: EIA,

Natural Gas Annual 1999, DOE/EIA-0131(99) (Washington, DC, October 2000). 2000 transportation sector consumption: EIA, AEO2002 National Energy Modeling System

run aeo2002.d102001b. Other 2000 consumption: EIA, Short-Term Energy Outlook, October 2001, <http://www.eia.doe.gov/pub/forecasting/teo/oldstoes/oc01.pdf>

with adjustments to end-use sector consumption levels for consumption of natural gas by electric wholesale generators based on EIA, AEO2002 National Energy Modeling

System run aeo2002.d102001b. Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 14. Natural Gas Prices, Margins and Revenues (1 of 1)
(2000 Dollars per Thousand Cubic Feet, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Source Prices																							
Average Lower 48 Wellhead Price 1/	2.27	3.60	3.94	1.99	2.40	2.66	2.78	2.87	2.99	3.17	3.25	3.31	3.35	3.36	3.34	3.33	3.36	3.42	3.51	3.59	3.64	3.65	0.1%
Average Import Price	2.29	3.94	4.03	1.97	2.31	2.56	2.74	2.84	2.92	2.98	3.03	3.08	3.14	3.19	3.23	3.27	3.32	3.38	3.45	3.53	3.60	3.67	-0.4%
Average 2/	2.27	3.66	3.95	1.99	2.38	2.64	2.78	2.86	2.97	3.13	3.21	3.27	3.31	3.32	3.32	3.31	3.35	3.41	3.50	3.58	3.63	3.65	0.0%
Delivered Prices																							
Residential	6.84	7.85	9.06	6.57	6.88	7.10	7.20	7.21	7.26	7.37	7.39	7.37	7.37	7.35	7.32	7.29	7.31	7.37	7.44	7.50	7.53	7.52	-0.2%
Commercial	5.49	6.40	7.76	5.24	5.57	5.79	5.88	5.91	5.97	6.09	6.11	6.10	6.12	6.11	6.10	6.09	6.12	6.18	6.26	6.33	6.38	6.39	0.0%
Industrial 3/	3.09	4.43	4.75	2.73	3.11	3.37	3.51	3.59	3.70	3.86	3.95	4.01	4.07	4.09	4.08	4.08	4.11	4.17	4.26	4.35	4.41	4.43	0.0%
Electricity Generators 4/	2.89	4.49	4.47	2.65	3.01	3.26	3.37	3.46	3.56	3.70	3.78	3.86	3.95	3.99	4.00	4.00	4.04	4.09	4.17	4.25	4.31	4.33	-0.2%
Transportation 5/	6.31	8.26	8.49	6.34	6.64	6.88	7.02	7.13	7.27	7.48	7.55	7.61	7.65	7.67	7.68	7.69	7.72	7.78	7.86	7.93	7.97	7.97	-0.2%
Average 6/	4.26	5.58	6.26	4.02	4.36	4.59	4.69	4.73	4.80	4.92	4.97	4.99	5.02	5.00	5.01	4.99	5.02	5.07	5.15	5.22	5.28	5.29	-0.3%
Transmission & Distribution Margins 7/																							
Residential	4.57	4.19	5.11	4.58	4.50	4.47	4.42	4.35	4.29	4.24	4.18	4.10	4.06	4.02	4.01	3.98	3.96	3.95	3.94	3.92	3.90	3.87	-0.4%
Commercial	3.22	2.74	3.81	3.25	3.19	3.15	3.11	3.05	3.00	2.96	2.90	2.84	2.81	2.79	2.78	2.77	2.77	2.76	2.76	2.76	2.74	2.73	0.0%
Industrial 3/	0.82	0.78	0.80	0.74	0.73	0.73	0.74	0.73	0.73	0.74	0.75	0.76	0.76	0.77	0.76	0.76	0.76	0.76	0.76	0.77	0.78	0.78	0.0%
Electricity Generators 4/	0.42	0.83	0.52	0.66	0.63	0.62	0.60	0.60	0.58	0.57	0.58	0.60	0.64	0.67	0.68	0.69	0.69	0.68	0.67	0.68	0.68	0.67	-1.0%
Transportation 5/	4.04	4.61	4.53	4.35	4.26	4.24	4.24	4.27	4.29	4.33	4.35	4.35	4.35	4.35	4.37	4.37	4.37	4.36	4.35	4.34	4.32	4.32	-0.3%
Average 6/	1.99	1.92	2.31	2.03	1.98	1.95	1.91	1.87	1.82	1.79	1.76	1.72	1.71	1.71	1.69	1.68	1.67	1.66	1.65	1.65	1.64	1.64	-0.8%
Transmission & Distribution Revenue																							
(billion 2000 dollars)																							
Residential	21.58	20.96	25.78	23.96	24.06	24.13	23.82	23.57	23.34	23.25	22.96	22.69	22.67	22.76	22.81	22.89	23.00	23.20	23.24	23.32	23.38	23.54	0.6%
Commercial	9.83	8.98	12.62	11.17	11.35	11.46	11.38	11.31	11.25	11.24	11.18	11.10	11.17	11.29	11.46	11.61	11.79	11.99	12.15	12.31	12.44	12.60	1.7%
Industrial 3/	7.01	6.25	6.11	6.32	6.46	6.57	6.72	6.82	6.86	7.01	7.15	7.31	7.53	7.64	7.73	7.76	7.84	7.95	8.05	8.23	8.35	8.49	1.3%
Electricity Generators 4/	1.60	3.53	2.22	3.22	3.25	3.38	3.41	3.58	3.67	3.82	4.04	4.42	5.09	5.55	5.94	6.29	6.54	6.59	6.59	6.89	7.04	6.99	3.5%
Transportation 5/	0.06	0.10	0.13	0.15	0.18	0.21	0.24	0.27	0.30	0.34	0.37	0.40	0.44	0.47	0.50	0.53	0.55	0.57	0.59	0.61	0.63	0.64	9.9%
Total	40.08	40.11	46.86	44.82	45.30	45.77	45.57	45.55	45.44	45.86	45.89	45.93	46.89	47.70	49.44	49.07	49.72	50.32	50.63	51.35	51.84	52.27	1.3%

1/ Represents lower 48 onshore and offshore supplies.

2/ Quantity-weighted average of the average lower 48 wellhead price and the average price of imports at the U.S. border.

3/ Includes consumption by cogenerators.

4/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers and exempt wholesale generators.

5/ Compressed natural gas used as a vehicle fuel. Price includes estimated motor vehicle fuel taxes.

6/ Weighted average prices and margins. Weights used are the sectoral consumption values excluding lease, plant, and pipeline fuel.

7/ Within the table, "transmission and distribution" margins equal the difference between the delivered price and the source price (average of the wellhead price and the price of imports at the U.S. border) of natural gas and, thus, reflect the total cost of bringing natural gas to market. When the term "transmission and distribution" margins is used in today's natural gas market, it generally does not include the cost of independent natural gas marketers or costs associated with aggregation of supplies, provisions of storage, and other services. As used here, the term includes the cost of all services and the cost of pipeline fuel used in compressor stations.

Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.

Sources: 1999 residential, commercial, and transportation delivered prices, average lower 48 wellhead price, and average import price: Energy Information Administration (EIA), Natural Gas Annual 1999, DOE/EIA-0131(99) (Washington, DC, October 2000). 1999 electric generators delivered price: Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants." 1999 and 2000 industrial delivered prices based on EIA, Manufacturing Energy Consumption Survey 1994. 2000 residential and commercial delivered prices, average lower 48 wellhead price, and average import price: EIA, Natural Gas Monthly, DOE/EIA-0130(2001/06) (Washington, DC, June 2001). Other 1999 values, other 2000 values, and projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 15. Oil and Gas Supply (1 of 1)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020	
Crude Oil																								
Lower 48 Average Wellhead Price 1/																								
(2000 dollars per barrel)	16.84	27.59	22.76	21.22	22.10	22.49	22.49	22.50	22.70	22.81	23.12	23.29	23.62	23.58	23.66	23.78	23.99	24.20	24.37	24.54	24.74	24.92	-0.5%	
Production (million barrels per day) 2/																								
U.S. Total	5.87	5.82	5.84	5.85	5.68	5.50	5.38	5.32	5.32	5.25	5.16	5.11	5.08	5.10	5.37	5.50	5.67	5.78	5.85	5.86	5.77	5.81	0.0%	
Lower 48 Onshore	3.26	3.25	3.16	3.07	3.11	3.00	2.90	2.82	2.76	2.71	2.68	2.66	2.65	2.64	2.65	2.66	2.68	2.70	2.72	2.74	2.76	2.78	-0.8%	
Conventional	2.58	2.60	2.53	2.43	2.47	2.35	2.25	2.16	2.08	2.02	1.97	1.93	1.90	1.88	1.86	1.85	1.85	1.86	1.86	1.88	1.90	1.91	-1.5%	
Enhanced Oil Recovery	0.68	0.65	0.63	0.63	0.64	0.65	0.65	0.66	0.67	0.69	0.71	0.73	0.75	0.77	0.79	0.81	0.83	0.85	0.86	0.86	0.87	0.87	1.5%	
Lower 48 Offshore	1.55	1.61	1.71	1.82	1.88	1.85	1.88	1.71	1.78	1.79	1.77	1.74	1.73	1.70	1.92	2.00	2.08	2.06	2.02	2.01	1.92	1.93	0.9%	
Alaska	1.06	0.97	0.97	0.97	0.91	0.85	0.80	0.80	0.78	0.75	0.71	0.70	0.71	0.75	0.79	0.84	0.90	1.02	1.11	1.11	1.08	1.10	0.7%	
Lower 48 End of Year Reserves (billion barrels) 2/	18.27	16.29	17.52	16.81	16.24	15.81	15.44	15.22	14.93	14.68	14.47	14.33	14.21	14.57	14.69	14.85	14.86	14.85	14.87	14.76	14.62	14.94	-1.0%	
Natural Gas																								
Lower 48 Average Wellhead Price 1/																								
(2000 dollars per thousand cubic feet)	2.27	3.60	3.94	1.99	2.40	2.66	2.78	2.87	2.99	3.17	3.25	3.31	3.35	3.36	3.34	3.33	3.36	3.42	3.51	3.59	3.64	3.65	0.1%	
Dry Production (trillion cubic feet) 3/																								
U.S. Total	18.69	19.08	19.28	19.62	20.31	20.78	21.10	21.69	22.26	22.87	23.37	24.05	24.66	25.15	25.73	26.39	26.92	27.38	27.62	28.21	28.58	28.94	2.1%	
Lower 48 Onshore	12.89	13.31	13.62	13.77	14.24	14.49	14.63	15.04	15.42	15.90	16.24	16.91	17.63	18.24	18.83	19.38	19.78	20.12	20.45	20.95	21.23	21.43	2.4%	
Associated-Dissolved 4/	1.74	1.79	1.83	1.78	1.72	1.70	1.63	1.58	1.53	1.49	1.46	1.44	1.42	1.41	1.40	1.39	1.39	1.38	1.38	1.38	1.38	1.38	-1.3%	
Non-Associated	11.14	11.52	11.79	11.99	12.52	12.79	13.00	13.47	13.89	14.40	14.78	15.47	16.21	16.84	17.43	17.99	18.40	18.74	19.07	19.57	19.84	20.05	2.8%	
Conventional	6.64	6.89	6.88	7.04	6.89	7.00	7.08	7.22	7.36	7.54	7.75	8.14	8.55	8.92	9.29	9.68	9.95	10.15	10.33	10.57	10.86	10.87	2.2%	
Unconventional	4.50	4.63	4.92	4.94	5.64	5.79	5.94	6.25	6.54	6.87	7.02	7.34	7.66	7.92	8.15	8.32	8.45	8.58	8.74	9.00	9.18	9.38	3.6%	
Lower 48 Offshore	5.38	5.34	5.21	5.39	5.60	5.80	5.96	6.14	6.32	6.55	6.60	6.60	6.48	6.36	6.34	6.44	6.56	6.68	6.58	6.66	6.75	6.89	1.3%	
Associated-Dissolved 4/	1.17	1.16	1.18	1.21	1.24	1.19	1.20	1.21	1.23	1.23	1.22	1.21	1.21	1.20	1.26	1.28	1.30	1.30	1.29	1.29	1.28	1.26	0.4%	
Non-Associated	4.21	4.18	4.03	4.18	4.36	4.61	4.77	4.94	5.12	5.32	5.37	5.37	5.27	5.15	5.14	5.17	5.28	5.38	5.28	5.38	5.47	5.63	1.5%	
Alaska	0.42	0.43	0.48	0.47	0.48	0.49	0.50	0.51	0.51	0.52	0.53	0.54	0.54	0.55	0.56	0.57	0.57	0.58	0.59	0.59	0.60	0.61	1.8%	
Lower 48 End of Year Dry Reserves (tcf) 3/	158.47	162.31	166.94	162.28	163.44	164.75	166.71	168.85	170.37	171.48	172.80	174.39	176.77	180.15	182.01	183.86	185.04	185.95	188.74	190.57	193.02	194.89	0.9%	
Supplemental Gas Supplies (tcf) 5/	0.10	0.10	0.10	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.7%	
Lower 48 Wells (thousands)	18.87	24.05	23.26	21.85	21.01	22.71	23.90	24.37	23.83	24.78	25.94	26.74	27.33	27.42	27.50	27.48	27.71	31.39	32.37	33.65	35.73	36.63	2.1%	

1/ Represents lower 48 onshore and offshore supplies.

2/ Includes lease condensate.

3/ Marketed production (wet) minus extraction losses.

4/ Gas which occurs in crude oil reserves either as free gas (associated) or as gas in solution with crude oil (dissolved).

5/ Synthetic natural gas, propane air, coke oven gas, refinery gas, biomass gas, air injected for Btu stabilization, and manufactured gas commingled and distributed with natural gas.

Btu = British thermal unit.

Tcf = Trillion cubic feet.

Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.

Sources: 1999 lower 48 onshore, lower 48 offshore, Alaska crude oil production: Energy Information Administration (EIA), Petroleum Supply Annual 1999, DOE/EIA-0340(99)/1

(Washington, DC, June 2000). 1999 U.S. crude oil and natural gas reserves: EIA, U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, DOE/EIA-0216(99)

(Washington, DC, December 2000). 1999 natural gas lower 48 average wellhead price and total natural gas production: EIA, Natural Gas Annual 1999, DOE/EIA-0131(99)

(Washington, DC, October 2000). 2000 lower 48 onshore, lower 48 offshore, and Alaska crude oil production: EIA, Petroleum Supply Annual 2000, DOE/EIA-0340(2000)/1

(Washington, DC, June 2001). 2000 natural gas lower 48 average wellhead price, Alaska and total natural gas production, and supplemental gas supplies: EIA, Natural Gas

Monthly, DOE/EIA-0130(2001/06) (Washington, DC, June 2001). Other 1999 and 2000 values: EIA, Office of Integrated Analysis and Forecasting. Projections: EIA,

AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 16. Coal Supply, Disposition, and Prices (1 of 1)
(Million Short Tons per Year, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Production 1/																							
Appalachia	435	430	440	433	439	434	433	432	437	435	433	430	422	430	430	430	429	431	435	434	434	437	0.1%
Interior	163	144	151	155	151	152	151	157	157	151	149	148	134	139	141	142	138	139	143	147	148	154	0.3%
West	512	510	576	556	571	600	633	659	684	701	715	729	759	760	772	782	798	817	839	852	877	902	2.9%
East of the Mississippi	539	518	535	527	537	532	531	534	539	537	535	533	515	528	530	532	527	530	538	538	542	550	0.3%
West of the Mississippi	571	566	632	617	624	654	688	715	739	750	762	774	801	802	813	822	839	856	879	895	917	943	2.6%
Total	1110	1084	1167	1144	1161	1186	1217	1249	1278	1287	1297	1307	1316	1330	1343	1354	1366	1386	1417	1433	1459	1493	1.6%
Net Imports																							
Imports	9	13	17	18	18	18	18	18	18	18	19	19	19	19	19	19	19	19	19	20	20	20	2.3%
Exports	-9	-9	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-0.4%
Total	-49	-46	-39	-40	-40	-38	-38	-38	-38	-38	-38	-38	-38	-38	-38	-38	-38	-38	-38	-38	-38	-38	-1.4%
Total Supply 2/	1061	1038	1128	1105	1122	1148	1179	1211	1240	1249	1259	1269	1278	1291	1305	1315	1332	1352	1382	1398	1424	1459	1.7%
Consumption by Sector																							
Residential and Commercial	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	0.9%
Industrial 3/	82	82	78	77	79	81	82	83	84	85	86	87	88	88	89	89	89	90	91	93	94	95	0.7%
Coke Plants	28	29	26	27	26	26	26	26	25	25	25	24	24	23	23	22	22	22	21	21	20	20	-1.9%
Electricity Generators 4/	929	965	977	987	1015	1038	1068	1099	1128	1136	1146	1155	1163	1177	1190	1201	1218	1237	1267	1282	1308	1341	1.7%
Total	1045	1081	1087	1095	1124	1150	1181	1213	1243	1251	1262	1271	1280	1294	1307	1318	1335	1355	1385	1401	1428	1462	1.5%
Discrepancy and Stock Change 5/	16	-43	41	10	-2	-2	-2	-2	-3	-2	-2	-2	-2	-3	-3	-3	-3	-3	-3	-3	-3	-3	N/A
Average Mine-mouth Price																							
(2000 dollars per short ton)	17.01	16.45	16.18	15.89	15.75	15.53	15.12	14.84	14.62	14.42	14.24	14.04	13.84	13.80	13.72	13.67	13.51	13.45	13.40	13.32	13.28	13.23	-1.1%
(2000 dollars per million Btu)	0.82	0.79	0.78	0.77	0.76	0.75	0.73	0.72	0.71	0.70	0.70	0.69	0.68	0.68	0.67	0.67	0.67	0.66	0.66	0.66	0.66	0.66	-0.9%
Delivered Price (2000 dollars per short ton) 6/																							
Industrial	32.31	31.85	30.54	30.15	29.82	29.67	29.47	29.12	28.95	28.74	28.81	28.39	28.13	28.08	28.00	27.91	27.88	27.56	27.43	27.24	27.19	27.06	-0.8%
Coke Plants	46.89	44.41	44.20	43.99	43.51	43.27	42.89	42.90	42.43	42.38	42.17	42.08	42.00	41.89	41.83	41.52	41.08	40.86	40.73	40.45	40.07	39.81	-0.5%
Electricity Generators	25.28	24.41	24.21	23.39	23.40	23.37	22.92	22.27	22.00	21.76	21.54	21.29	21.22	21.05	20.88	20.76	20.55	20.38	20.22	19.99	19.88	19.75	-1.1%
(2000 dollars per million Btu)	1.22	1.21	1.19	1.16	1.15	1.15	1.11	1.10	1.09	1.07	1.07	1.06	1.05	1.04	1.03	1.03	1.02	1.02	1.01	1.01	1.01	1.00	-0.9%
Average	25.75	25.48	25.18	24.32	24.27	23.82	23.18	22.89	22.85	22.43	22.17	22.08	21.91	21.73	21.60	21.37	21.19	21.01	20.77	20.65	20.50	20.50	-1.1%
Exports 7/	37.33	34.90	37.03	36.95	38.74	38.80	36.95	36.50	36.22	36.10	35.98	35.79	35.69	35.51	35.42	35.37	35.18	35.07	34.83	34.58	34.41	34.41	-0.1%

1/ Includes anthracite, bituminous coal, lignite, and waste coal delivered to independent power producers. Waste coal deliveries totaled 8.5 million tons in 1995, 8.8 million tons in 1996, 8.1 million tons in 1997, 8.6 million tons in 1998, and are projected to reach 9.6 million tons in 1999, and 12.2 million tons in 2000.

2/ Production plus net imports and net storage withdrawals.

3/ Includes consumption by cogenerators.

4/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers and exempt wholesale generators.

5/ Balancing item: the sum of production, net imports, and net storage minus total consumption.

6/ Sectoral prices weighted by consumption tonnage; weighted average excludes residential/commercial prices and export free-alongside-ship (f.a.s.) prices.

7/ F.a.s. price at U.S. port of exit.

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.

Sources: 1999: Energy Information Administration (EIA), Coal Industry Annual 1999, DOE/EIA-0584(99) (Washington, DC, June 2001). 2000 data based on EIA, Quarterly

Coal Report, DOE/EIA-0121(2000)4(Q) (Washington, DC, October-December 2000) and EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b. Projectors:

EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 17. Renewable Energy Generating Capability and Generation (1 of 1)
(Gigawatts, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-	
Electricity Generators (excluding cogens) 1/																								
Net Summer Capability																								
Conventional Hydropower	79.30	79.29	79.36	79.51	79.63	79.71	79.78	79.92	79.92	79.92	79.92	79.90	79.90	79.90	79.90	79.90	79.90	79.90	79.90	79.90	79.90	79.90	79.90	0.0%
Geothermal 2/	2.79	2.85	2.86	2.91	2.99	2.97	3.05	3.18	3.22	3.32	3.46	3.57	3.72	3.83	4.01	4.24	4.47	4.67	4.82	4.97	5.15	5.32	5.32	3.2%
Municipal Solid Waste 3/	2.75	2.84	3.15	3.24	3.35	3.41	3.50	3.55	3.59	3.74	3.93	3.97	4.02	4.06	4.11	4.18	4.22	4.26	4.28	4.30	4.32	4.34	4.34	2.1%
Wood and Other Biomass 4/	1.37	1.39	1.41	1.51	1.54	1.59	1.61	1.64	1.66	1.68	1.71	1.73	1.74	1.79	1.85	1.90	1.96	2.03	2.15	2.27	2.70	2.76	3.5%	
Solar Thermal	0.33	0.33	0.33	0.33	0.34	0.34	0.34	0.34	0.35	0.35	0.36	0.36	0.37	0.37	0.38	0.38	0.39	0.39	0.40	0.40	0.41	0.41	1.0%	
Solar Photovoltaic 5/	0.01	0.01	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.26	0.27	19.8%	
Wind	2.33	2.42	4.29	5.26	5.82	6.27	6.82	6.96	7.21	7.35	7.59	7.67	7.85	7.94	8.15	8.26	8.60	8.87	9.10	9.30	9.47	9.60	7.1%	
Total	89.87	89.13	91.43	92.78	93.70	94.33	95.16	95.65	96.03	96.44	97.06	97.30	97.71	98.04	98.54	99.03	99.72	100.32	100.87	101.49	102.19	102.59	102.59	0.7%
Generation (billion kilowatt-hours)																								
Conventional Hydropower	310.30	272.33	223.99	285.36	301.03	301.17	301.26	301.67	301.81	301.49	301.37	301.16	301.00	300.88	300.78	300.67	300.57	300.50	300.34	300.23	300.15	300.04	0.5%	
Geothermal 2/	15.27	13.52	13.73	14.00	14.58	14.99	15.68	16.96	17.19	18.11	19.20	20.19	21.30	22.37	23.70	25.72	29.31	30.56	31.82	33.28	34.88	34.88	4.8%	
Municipal Solid Waste 3/	17.96	20.15	21.81	22.96	23.72	24.26	24.91	25.27	25.59	26.73	28.20	28.53	28.87	29.19	29.51	30.02	30.33	30.64	30.84	30.98	31.13	31.27	31.27	2.2%
Wood and Other Biomass 4/	7.51	8.37	9.62	11.03	11.66	13.74	15.81	13.80	14.77	14.98	16.11	19.01	21.03	19.13	19.19	19.69	18.29	18.86	17.36	19.65	21.10	20.28	4.5%	
Dedicated Piles	7.01	7.46	7.61	8.10	8.27	8.71	8.95	9.08	9.22	9.37	9.53	9.69	9.81	10.17	10.54	10.85	11.20	11.72	12.50	14.01	15.13	15.55	4.1%	
Cofiring	0.51	0.91	2.02	2.92	3.29	5.03	6.87	4.74	5.55	5.62	8.57	9.31	11.22	8.96	8.64	8.85	7.09	7.14	4.86	5.64	4.97	3.73	7.3%	
Solar Thermal	0.87	0.87	0.87	0.87	0.88	0.89	0.90	0.91	0.92	0.94	0.95	0.96	0.98	1.00	1.02	1.04	1.05	1.06	1.08	1.09	1.10	1.12	1.3%	
Solar Photovoltaic	0.00	0.01	0.03	0.04	0.07	0.09	0.11	0.14	0.16	0.19	0.22	0.26	0.29	0.33	0.37	0.41	0.46	0.50	0.55	0.59	0.63	0.68	22.8%	
Wind	4.17	5.30	8.64	12.05	13.96	15.30	16.74	17.49	18.11	18.58	19.14	19.51	19.99	20.39	20.90	22.44	23.38	24.18	24.88	25.49	25.95	26.55	8.3%	
Total	356.08	320.54	278.69	346.31	355.49	370.45	375.41	376.24	378.38	381.01	387.18	389.61	393.47	393.29	395.47	398.95	400.77	404.25	404.90	409.24	412.89	414.02	414.02	1.3%
Cogenerators 6/																								
Net Summer Capability																								
Municipal Solid Waste	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.0%
Biomass	5.26	5.26	5.26	5.26	5.50	5.78	6.10	6.40	6.72	6.88	7.05	7.36	7.81	7.84	8.05	8.26	8.49	8.72	8.95	9.18	9.41	9.41	9.41	2.9%
Total	5.77	5.77	5.77	5.77	6.01	6.29	6.61	6.91	7.21	7.22	7.39	7.56	7.87	8.12	8.35	8.56	8.77	9.00	9.23	9.48	9.69	9.92	9.92	2.7%
Generation (billion kilowatt-hours)																								
Municipal Solid Waste	3.23	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29	0.0%
Biomass	29.97	29.63	29.63	29.63	31.11	32.87	34.81	36.62	38.52	38.54	39.53	40.56	42.45	44.01	45.38	46.69	47.95	49.39	50.80	52.22	53.61	55.01	55.01	3.1%
Total	33.20	32.93	32.93	32.93	34.41	36.17	38.11	39.91	41.81	41.83	42.83	43.85	45.75	47.30	48.68	49.98	51.25	52.68	54.10	55.51	56.90	58.31	58.31	2.9%
Other End-Use Generators 7/																								
Net Summer Capability																								
Conventional Hydropower 8/	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.0%
Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Solar Photovoltaic 5/	0.01	0.02	0.03	0.05	0.06	0.08	0.11	0.15	0.19	0.24	0.31	0.39	0.39	0.40	0.41	0.42	0.43	0.44	0.45	0.45	0.45	0.47	0.47	17.7%
Total	0.99	0.99	1.01	1.02	1.04	1.06	1.09	1.13	1.17	1.22	1.29	1.36	1.37	1.38	1.38	1.39	1.40	1.41	1.41	1.42	1.43	1.44	1.44	1.9%
Generation (billion kilowatt-hours)																								
Conventional Hydropower 8/	5.45	3.98	3.37	4.14	4.33	4.33	4.33	4.33	4.33	4.33	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.31	4.31	4.31	4.31	4.31	4.31	0.4%
Geothermal	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Solar Photovoltaic	0.01	0.04	0.06	0.10	0.13	0.18	0.23	0.32	0.40	0.51	0.65	0.81	0.83	0.85	0.86	0.88	0.89	0.91	0.93	0.94	0.96	0.99	0.99	17.7%
Total	5.61	4.02	3.43	4.24	4.47	4.51	4.66	4.64	4.73	4.84	4.98	5.14	5.15	5.16	5.18	5.19	5.21	5.22	5.24	5.25	5.27	5.29	5.29	1.4%

1/ Includes grid-connected utilities and nonutilities other than cogenerators. These nonutility facilities include small power producers and exempt wholesale generators.

2/ Includes hydrothermal resources only (hot water and steam).

3/ Includes landfill gas.

4/ Includes projections for energy crops after 2010.

5/ Does not include off-grid photovoltaics (PV). EIA estimates that another 76 megawatts of remote electricity generation PV applications were in service in 1999, plus an additional 205 megawatts in communications, transportation and assorted other non-grid-connected applications.

6/ Cogenerators produce electricity and other useful thermal energy.

7/ Includes small on-site generating systems in the residential, commercial, and industrial sectors used primarily for own-use generation, but which may also sell some power to the grid.

8/ Represents own-use industrial hydroelectric power.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.

Net summer capability has been estimated for nonutility generators for AEO2002. Net summer capability is used to be consistent with electric utility capacity estimates.

Additional retirements are determined on the basis of the size and age of the units.

Sources: 1999 and 2000 electric utility capability: Energy Information Administration (EIA), Form EIA-860A: "Annual Electric Generator Report - Utility," 1999 and 2000

nonutility and cogenerator capability: EIA, Form EIA, Form EIA-860B: "Annual Electric Generator Report - Nonutility," 1999 and 2000 generation: EIA, Annual Energy

Review 2000, DOE/EIA-0384(2000) (Washington, DC, August 2001). Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 18. Renewable Energy Consumption by Sector and Source 1/ (1 of 1)
(Quadrillion Btu per Year)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Marketed Renewable Energy 2/																							
Residential	0.40	0.43	0.42	0.43	0.43	0.43	0.43	0.43	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.45	0.45	0.45	0.45	0.45	0.45	0.46	0.4%
Wood	0.40	0.43	0.42	0.43	0.43	0.43	0.43	0.43	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.45	0.45	0.45	0.45	0.45	0.45	0.46	0.4%
Commercial	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.0%
Biomass	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.0%
Industrial 3/	2.29	2.41	2.41	2.51	2.58	2.67	2.76	2.83	2.92	2.95	3.00	3.07	3.16	3.23	3.30	3.37	3.43	3.50	3.57	3.65	3.72	3.79	2.3%
Conventional Hydroelectric	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	N/A
Municipal Solid Waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Biomass	2.09	2.21	2.21	2.31	2.38	2.46	2.55	2.63	2.72	2.74	2.80	2.87	2.96	3.00	3.10	3.17	3.23	3.30	3.37	3.44	3.52	3.59	2.5%
Transportation	0.12	0.14	0.14	0.14	0.22	0.22	0.23	0.24	0.23	0.24	0.24	0.24	0.25	0.26	0.26	0.27	0.27	0.28	0.28	0.28	0.29	0.29	3.8%
Ethanol used in E85 4/	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	N/A
Ethanol used in Gasoline Blending	0.12	0.14	0.14	0.14	0.20	0.20	0.21	0.22	0.21	0.21	0.21	0.22	0.22	0.22	0.23	0.23	0.24	0.24	0.24	0.25	0.25	0.25	3.0%
Electricity Generators 5/	3.91	3.55	3.13	3.84	4.06	4.12	4.19	4.23	4.36	4.31	4.40	4.45	4.51	4.53	4.59	4.66	4.72	4.80	4.83	4.90	4.96	5.00	1.7%
Conventional Hydroelectric	3.21	2.82	2.32	2.95	3.11	3.12	3.12	3.12	3.12	3.12	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.10	3.10	3.10	3.10	0.5%
Geothermal	0.28	0.28	0.29	0.30	0.32	0.33	0.36	0.40	0.41	0.44	0.47	0.50	0.54	0.57	0.61	0.68	0.74	0.79	0.83	0.87	0.92	0.96	6.3%
Municipal Solid Waste 6/	0.27	0.28	0.30	0.31	0.32	0.33	0.34	0.34	0.35	0.36	0.39	0.39	0.39	0.40	0.40	0.41	0.41	0.42	0.42	0.42	0.42	0.42	2.2%
Biomass	0.11	0.11	0.12	0.14	0.15	0.17	0.19	0.17	0.18	0.19	0.22	0.23	0.25	0.23	0.24	0.22	0.23	0.21	0.23	0.24	0.24	0.24	3.8%
Dedicated Plants	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.14	0.14	0.15	0.17	0.19	0.19	3.4%
Cofiring	0.01	0.01	0.03	0.04	0.04	0.06	0.08	0.06	0.07	0.07	0.10	0.11	0.13	0.11	0.10	0.11	0.09	0.09	0.06	0.07	0.06	0.04	6.6%
Solar Thermal	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	3.6%
Solar Photovoltaic	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Wind	0.05	0.05	0.09	0.12	0.14	0.16	0.17	0.18	0.19	0.19	0.20	0.20	0.21	0.21	0.21	0.22	0.23	0.24	0.25	0.26	0.26	0.27	8.3%
Total Marketed Renewable Energy	6.81	6.60	6.18	7.01	7.37	7.52	7.69	7.81	7.93	8.01	8.16	8.28	8.44	8.55	8.67	8.82	8.95	9.10	9.21	9.36	9.51	9.62	1.9%
Sources of Ethanol																							
From Corn	0.12	0.14	0.14	0.14	0.21	0.22	0.22	0.23	0.22	0.22	0.22	0.23	0.23	0.23	0.23	0.24	0.24	0.24	0.23	0.23	0.23	0.23	2.5%
From Cellulose	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.03	0.03	0.04	0.04	0.05	0.05	0.06	0.07	N/A
Total	0.12	0.14	0.14	0.14	0.22	0.22	0.23	0.24	0.23	0.24	0.24	0.24	0.25	0.26	0.26	0.27	0.27	0.28	0.28	0.28	0.29	0.29	3.8%
Non-Marketed Renewable Energy																							
-- Selected Consumption 7/																							
Residential	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.08	3.4%
Solar Hot Water Heating	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	1.9%
Geothermal Heat Pumps	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	5.0%
Solar Photovoltaic	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.5%
Commercial	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	1.2%
Solar Thermal	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.9%
Solar Photovoltaic	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.5%

1/ Actual heat rates used to determine fuel consumption for all renewable fuels except hydropower, solar, and wind. Consumption at hydroelectric, solar, and wind facilities determined by using the fossil fuel equivalent of 10,280 Btu per kilowatt-hour.

2/ Includes nonelectric renewable energy groups for which the energy source is bought and sold in the marketplace, although all transactions may not necessarily be marketed, and marketed renewable energy inputs for electricity entering the marketplace on the electric power grid. Excludes electricity imports; see Table 8.

3/ Includes all electricity production by industrial and other cogenerators for the grid and for own use.

4/ Excludes motor gasoline component of E85.

5/ Includes renewable energy delivered to the grid from electric utilities and nonutilities. Renewable energy used in generating electricity for own use is included in the individual sectoral electricity energy consumption values.

6/ Includes landfill gas.

7/ Includes selected renewable energy consumption data for which the energy is not bought or sold, either directly or indirectly as an input to marketed energy. The Energy Information Administration does not estimate or project total consumption of nonmarketed renewable energy.

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.

Sources: 1999 and 2000 ethanol: Energy Information Administration (EIA), Annual Energy Review 2000, DOE/EIA-0384(2000) (Washington, DC, August 2001). 1999 and 2000 electric generators: EIA, Form EIA-860A: "Annual Electric Generator Report - Utility" and Form EIA-860B: "Annual Electric Generator Report - Nonutility." Other 1999 and 2000: EIA, Office of Integrated Analysis and Forecasting. Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 19. Carbon Dioxide Emissions by Sector and Source (1 of 1)
(Million Metric Tons Carbon Equivalent, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-
Residential																							
Petroleum	27.3	27.5	26.5	26.3	26.3	26.2	25.8	25.6	25.4	25.2	24.8	24.5	24.3	24.2	23.9	23.6	23.3	23.2	22.9	22.8	22.7	22.6	-1.0%
Natural Gas	69.9	73.2	74.7	77.4	79.1	80.0	79.8	80.2	80.6	81.1	81.3	81.7	82.7	83.7	84.3	85.2	85.9	86.9	87.3	88.0	88.8	90.1	1.0%
Coal	1.2	1.2	1.1	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.3%
Electricity	192.9	204.0	211.8	211.5	219.1	223.5	227.3	231.2	234.6	237.2	238.9	240.4	244.3	247.2	250.4	254.4	258.1	262.5	265.6	270.0	275.6	281.5	1.5%
Total	291.4	305.9	314.0	316.4	325.7	330.8	334.1	338.2	341.8	344.0	344.7	346.6	348.7	351.6	356.8	360.4	365.0	369.5	374.0	377.6	382.7	389.5	1.2%
Commercial																							
Petroleum	13.1	14.2	12.5	12.7	12.9	13.1	13.2	13.3	13.5	13.6	13.7	13.8	13.9	14.0	14.0	14.1	14.1	14.2	14.2	14.3	14.3	14.4	0.1%
Natural Gas	45.1	49.3	49.0	50.8	52.7	53.8	54.2	54.9	55.6	56.3	57.0	57.9	58.9	59.9	60.9	62.0	63.1	64.2	65.1	66.1	67.1	68.3	1.6%
Coal	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	0.6%
Electricity	188.0	195.6	201.5	200.1	208.9	212.8	218.8	225.7	232.1	236.3	240.5	244.8	248.8	254.4	260.2	265.4	271.1	276.0	281.9	287.3	292.9	298.7	2.1%
Total	248.0	260.9	264.6	265.2	274.2	281.2	288.0	295.6	302.9	307.9	313.0	318.3	323.4	330.1	337.0	343.4	350.2	356.3	362.4	369.7	376.4	383.4	1.9%
Industrial 1/																							
Petroleum	97.7	93.7	90.4	92.9	96.1	98.3	100.8	102.6	106.3	108.0	110.7	113.2	116.3	118.2	119.5	120.2	121.3	121.8	123.2	124.6	126.6	127.6	1.6%
Natural Gas 2/	138.3	136.1	128.1	141.1	145.0	148.2	150.8	154.4	157.3	159.8	161.9	164.6	166.5	167.7	169.5	172.4	174.1	177.0	178.2	180.8	182.3	185.3	1.6%
Coal	64.1	65.2	62.1	61.7	63.0	64.1	64.9	65.6	66.5	66.9	67.3	67.5	68.0	68.3	68.4	68.5	68.7	69.1	69.7	70.4	71.0	71.5	0.5%
Electricity	178.3	183.0	176.0	181.1	186.7	192.8	199.2	206.7	210.3	213.2	217.4	221.5	225.2	228.8	231.6	235.2	238.3	243.9	248.1	253.7	258.6	264.1	1.7%
Total	478.4	478.1	456.6	470.1	485.2	497.3	509.2	521.8	536.9	545.0	553.1	562.8	572.3	579.4	586.2	592.7	599.2	606.2	615.0	623.9	633.6	643.1	1.5%
Transportation																							
Petroleum 3/	487.6	502.5	510.5	521.5	536.2	551.7	566.9	580.3	595.4	610.5	626.2	641.6	657.8	672.4	686.3	699.1	711.4	724.0	737.0	749.9	763.6	776.1	2.2%
Natural Gas 4/	11.0	11.4	11.8	11.7	12.1	12.4	12.5	12.8	13.1	13.5	13.7	14.1	14.6	14.9	15.3	15.6	16.0	16.3	16.4	16.8	17.0	17.2	2.1%
Other 5/	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	N/A
Electricity	2.9	3.0	3.1	3.1	3.2	3.3	3.4	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.6	4.8	4.9	5.1	5.3	5.3	2.9%
Total 3/	501.5	516.9	525.5	536.3	551.6	567.4	582.9	598.7	612.3	627.8	643.8	658.7	676.4	691.5	705.8	719.2	731.9	744.9	758.3	771.8	786.8	798.7	2.2%
Total by Delivered Fuel																							
Petroleum 3/	625.7	637.9	639.9	653.4	671.6	689.3	706.7	721.9	740.5	757.2	775.3	793.2	812.3	828.7	843.6	857.1	870.1	883.1	897.4	911.6	927.2	940.7	2.0%
Natural Gas	284.3	270.0	263.7	281.0	288.9	294.3	297.3	302.3	306.7	310.8	314.0	318.5	322.6	326.2	330.0	335.2	339.1	344.3	347.0	351.7	355.3	360.9	1.5%
Coal	67.1	68.2	64.8	64.4	65.7	66.9	67.8	68.5	69.9	70.3	70.7	71.2	71.5	71.6	71.7	71.9	72.4	73.0	73.6	74.3	74.8	74.8	0.5%
Other 5/	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	N/A
Electricity	560.1	585.6	592.4	589.2	610.4	626.2	642.3	659.6	677.0	694.8	705.1	714.6	728.0	740.5	751.7	765.2	777.0	794.0	805.9	821.6	838.2	858.2	1.8%
Total 3/	1517.2	1561.7	1560.7	1588.0	1636.8	1676.8	1714.2	1752.4	1793.8	1824.7	1854.5	1887.5	1920.8	1954.6	1985.8	2015.7	2046.4	2076.8	2114.1	2143.1	2178.5	2214.7	1.8%
Electricity Generators 6/																							
Petroleum	23.5	19.8	22.9	7.8	7.8	8.4	7.7	7.4	6.4	6.1	5.9	5.5	4.8	5.2	5.3	5.3	5.5	5.6	6.0	6.5	6.9	7.0	-6.1%
Natural Gas	51.1	61.2	62.6	71.1	76.1	80.4	83.8	87.8	92.3	96.5	102.4	108.9	116.2	121.9	128.2	134.2	144.1	149.0	151.9	152.1	152.1	152.1	4.7%
Coal	485.5	504.6	507.0	510.2	526.5	537.4	550.9	564.4	578.3	582.1	586.5	590.6	593.5	601.0	607.0	612.2	620.2	629.3	643.9	650.5	662.8	679.1	1.5%
Total	560.1	585.6	592.4	589.2	610.4	626.2	642.3	659.6	677.0	694.8	705.1	714.6	728.0	740.5	751.7	765.2	777.0	794.0	805.9	821.6	838.2	858.2	1.8%
Total by Primary Fuel 7/																							
Petroleum 3/	648.3	657.8	662.8	661.2	679.4	697.7	714.4	729.2	747.0	763.3	781.2	798.7	817.1	833.9	849.0	862.4	875.6	888.7	903.3	918.1	934.1	947.7	1.8%
Natural Gas	315.3	331.2	326.2	352.2	365.0	374.6	381.1	390.1	399.0	409.2	416.3	427.4	438.9	448.1	458.2	469.4	478.6	486.4	491.1	500.8	507.1	513.0	2.2%
Coal	552.6	572.8	571.7	574.7	592.3	604.4	618.7	632.9	647.8	652.0	656.8	661.3	664.8	672.5	678.6	683.9	692.1	701.7	716.8	724.1	737.1	753.9	1.4%
Other 5/	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	N/A
Total 3/	1517.2	1561.7	1560.7	1588.0	1636.8	1676.8	1714.2	1752.4	1793.8	1824.7	1854.5	1887.5	1920.8	1954.6	1985.8	2015.7	2046.4	2076.8	2114.1	2143.1	2178.5	2214.7	1.8%
Carbon Dioxide Emissions (tons carbon equivalent per person)	5.6	5.7	5.6	5.6	5.7	5.8	5.9	6.0	6.0	6.1	6.1	6.2	6.2	6.2	6.3	6.3	6.3	6.4	6.4	6.5	6.5	6.5	0.7%

1/ Includes consumption by cogenerators.

2/ Includes lease and plant fuel.

3/ This includes international bunker fuel, which by convention are excluded from the international accounting of carbon dioxide emissions. In the years from 1990 through 1998, international bunker fuels accounted for 25 to 30 million metric tons carbon equivalent of carbon dioxide annually.

4/ Includes pipeline fuel natural gas and compressed natural gas used as vehicle fuel.

5/ Includes methanol and liquid hydrogen.

6/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy. Includes small power producers and exempt wholesale generators. Does not include emissions from the nonbiogenic component of municipal solid waste because under international guidelines these are accounted for as waste, not energy.

7/ Emissions from electric power generators are distributed to the primary fuels.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.

Sources: 1999 and 2000 emissions and emission factors: Energy Information Administration (EIA), Emissions of Greenhouse Gases in the United States 2000.

DOE/EIA-0573(2000) (Washington, DC, November 2001). Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.f102001b.

Table 20. Macroeconomic Indicators (1 of 1)
(Billion 1996 Chain-Weighted Dollars, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-
GDP Chain-Type Price Index (1996=1.00)	1.047	1.070	1.094	1.088	1.119	1.138	1.155	1.176	1.199	1.221	1.244	1.269	1.294	1.324	1.354	1.385	1.417	1.449	1.483	1.521	1.562	1.608	2.1%
Real Gross Domestic Product	8857	9224	9319	9644	9953	10341	10745	11129	11570	12030	12514	13021	13560	14022	14480	14960	15450	15957	16497	17035	17580	18102	3.4%
Real Consumption	5968	6258	6413	6561	6751	7022	7301	7544	7799	8065	8339	8612	8906	9186	9464	9749	10043	10356	10695	11039	11403	11754	3.2%
Real Investment	1660	1773	1655	1717	1816	1928	2024	2125	2299	2446	2599	2764	2954	3109	3263	3434	3607	3781	3973	4167	4366	4552	4.8%
Real Government Spending	1532	1573	1632	1682	1768	1741	1774	1804	1839	1871	1906	1947	1978	2007	2038	2072	2105	2138	2171	2204	2238	2279	1.9%
Real Exports	1035	1133	1103	1145	1226	1314	1412	1505	1649	1793	1959	2140	2337	2528	2730	2947	3177	3425	3684	3984	4292	4620	7.3%
Real Imports	1352	1532	1516	1564	1634	1738	1830	1919	1996	2104	2218	2339	2469	2635	2814	3010	3217	3442	3693	3977	4289	4631	5.7%
Real Disposable Personal Income	6320	6539	6772	6939	7187	7462	7742	7976	8226	8519	8828	9130	9460	9798	10128	10471	10803	11145	11494	11855	12210	12541	3.3%
AA Utility Bond Rate (percent)	7.05	7.91	7.37	6.93	6.85	6.68	6.73	6.75	6.82	6.99	6.89	6.64	6.66	6.75	6.76	6.78	6.72	6.89	6.74	6.69	6.69	6.71	-0.8%
Real Yield on Government 10 Year Bonds (percent)	4.75	4.84	3.47	4.52	4.80	5.03	4.88	4.74	4.80	5.00	4.84	4.58	4.64	4.66	4.61	4.63	4.65	4.98	4.96	4.92	4.85	4.77	N/A
Real Utility Bond Rate (percent)	5.52	6.27	5.39	5.65	5.37	5.40	4.71	5.07	5.02	5.11	4.99	4.74	4.71	4.65	4.55	4.49	4.45	4.62	4.45	4.30	4.14	3.96	N/A
Energy Intensity (thousand Btu per 1996 dollar of GDP)	8.20	8.04	7.86	7.86	7.84	7.73	7.60	7.49	7.36	7.21	7.06	6.92	6.79	6.68	6.57	6.46	6.34	6.24	6.12	6.02	5.92	5.84	N/A
Delivered Energy	10.97	10.77	10.56	10.51	10.51	10.34	10.16	10.00	9.80	9.58	9.36	9.15	8.95	8.79	8.64	8.49	8.34	8.19	8.02	7.89	7.76	7.64	-1.7%
Consumer Price Index (1982=4=1.00)	1.67	1.72	1.78	1.78	1.83	1.86	1.89	1.93	1.97	2.02	2.06	2.11	2.16	2.21	2.27	2.33	2.39	2.46	2.53	2.60	2.68	2.77	2.4%
Unemployment Rate (percent)	4.23	4.01	4.78	5.39	5.28	4.77	4.42	4.33	4.15	4.01	3.88	3.85	3.73	3.81	4.00	4.16	4.35	4.44	4.35	4.21	4.07	3.94	-0.1%
Housing Starts (millions)	2.00	1.82	1.76	1.95	1.95	2.00	2.05	2.05	2.11	2.13	2.13	2.16	2.18	2.12	2.07	2.07	2.09	2.10	2.15	2.19	2.23	2.28	1.1%
Single-Family	1.31	1.23	1.26	1.37	1.37	1.39	1.43	1.44	1.47	1.47	1.50	1.52	1.48	1.45	1.45	1.46	1.47	1.50	1.51	1.53	1.54	N/A	
Multi-Family	0.34	0.34	0.32	0.37	0.34	0.34	0.34	0.32	0.33	0.34	0.34	0.35	0.35	0.34	0.34	0.34	0.35	0.36	0.38	0.40	0.42	0.43	1.2%
Mobile Home Shipments	0.35	0.25	0.19	0.22	0.25	0.27	0.29	0.30	0.31	0.32	0.31	0.31	0.31	0.29	0.28	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.6%
Commercial Floorspace, Total (billion square feet)	63.1	64.5	66.1	67.6	69.0	70.5	71.8	73.2	74.6	76.0	77.4	78.9	80.3	81.8	83.3	84.7	86.1	87.5	89.0	90.3	91.7	93.0	1.8%
Gross Output (billion 1992 dollars)	4794	5062	4969	5222	5444	5684	5920	6124	6379	6588	6813	7085	7349	7585	7826	8063	8297	8526	8762	9009	9350	9610	3.3%
Total Industrial	990	1039	1053	1069	1102	1139	1172	1196	1207	1231	1256	1284	1306	1326	1367	1390	1424	1447	1472	1511	1550	1587	2.1%
Non-Manufacturing	3804	4022	3917	4153	4342	4546	4748	4939	5172	5357	5558	5801	6043	6258	6469	6673	6874	7079	7310	7558	7801	8023	3.5%
Energy Intensive	1057	1100	1092	1136	1158	1188	1216	1225	1256	1272	1296	1319	1349	1373	1394	1415	1434	1454	1474	1496	1517	1538	1.7%
Non-Intensive	2747	2922	2824	3017	3184	3358	3532	3713	3916	4085	4261	4482	4694	4886	5075	5258	5440	5625	5836	6062	6284	6484	4.1%
Unit Sales Light-Duty Vehicles (millions)	16.89	17.36	16.19	16.84	17.71	17.36	17.49	17.83	18.08	18.04	18.14	18.27	18.34	18.53	18.65	18.77	18.87	18.99	19.21	19.52	19.88	20.27	0.8%
Millions of People	273.2	275.7	278.2	282.4	284.9	288.0	291.0	294.1	297.2	300.3	303.4	306.5	309.6	312.8	316.0	319.2	322.4	325.6	328.9	332.2	335.4	338.7	1.0%
Population (aged 16 and over)	211.0	213.1	215.4	219.0	221.4	224.2	227.0	230.0	232.9	235.8	238.5	241.2	243.7	246.2	248.8	251.3	253.8	256.2	258.7	261.2	263.8	266.3	1.1%
Employment, Non-Agriculture	127.5	130.1	130.5	131.1	133.2	136.5	139.5	142.2	144.9	147.0	148.7	150.6	152.5	153.5	154.5	155.6	156.7	157.9	159.2	160.5	161.8	163.2	1.1%
Employment, Manufacturing	17.6	17.5	16.8	16.5	16.6	16.9	17.0	17.1	17.2	17.2	17.2	17.3	17.3	17.2	17.0	16.9	16.7	16.7	16.7	16.7	16.8	16.8	-0.2%
Labor Force	139.4	140.9	141.7	144.1	146.0	148.6	151.2	153.7	156.0	157.9	159.6	161.3	162.6	163.7	165.0	166.2	167.4	168.6	169.7	170.9	172.1	173.3	1.0%

GDP = Gross domestic product.

Btu = British thermal unit.

N/A = Not applicable.

Sources: 1999 and 2000: DRI-WEFA, Simulation CTL0901. Projections: Energy Information Administration, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 21. International Petroleum Supply and Disposition Summary (1 of 1)
(Million Barrels per Day, Unless Otherwise Noted)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
World Oil Price (2000 dollars per barrel) 1/	17.60	27.72	22.48	21.17	22.51	22.75	22.93	23.12	23.30	23.49	23.70	23.87	24.05	24.25	24.44	24.64	24.82	25.03	25.22	25.41	25.62	25.81	-0.4%
Production 2/																							
OECD																							
U.S. (50 states)	9.21	9.03	8.92	9.06	8.97	8.83	8.76	8.75	8.95	8.82	8.80	8.81	8.89	8.98	9.32	9.61	9.82	9.99	10.06	10.13	9.95	10.07	0.5%
Canada	2.63	2.74	2.82	2.82	2.85	2.97	3.01	3.05	3.08	3.12	3.16	3.20	3.27	3.29	3.33	3.38	3.40	3.44	3.48	3.51	3.56	3.59	1.3%
Mexico	3.37	3.54	3.76	4.00	4.04	4.06	4.09	4.12	4.16	4.18	4.22	4.24	4.28	4.31	4.35	4.38	4.40	4.40	4.41	4.43	4.44	4.45	1.2%
OECD Europe 3/	7.02	7.08	7.14	7.10	7.18	7.26	7.33	7.41	7.36	7.31	7.26	7.20	7.15	7.09	7.04	6.98	6.93	6.88	6.82	6.76	6.71	6.66	-0.3%
Other OECD	0.78	0.98	0.98	0.94	0.94	0.93	0.93	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.91	0.90	0.90	0.89	0.89	0.89	0.88	0.88	-0.5%
Total OECD	23.01	23.35	23.62	24.02	24.07	24.06	24.12	24.27	24.48	24.36	24.35	24.38	24.46	24.56	24.91	25.21	25.42	25.57	25.63	25.69	25.50	25.63	0.5%
Developing Countries																							
Other South & Central America	3.85	3.78	3.84	3.95	4.03	4.11	4.19	4.27	4.40	4.54	4.68	4.83	4.97	5.12	5.27	5.44	5.60	5.77	5.95	6.12	6.30	6.50	2.7%
Pacific Rim	2.30	2.31	2.39	2.46	2.52	2.56	2.62	2.67	2.66	2.65	2.64	2.63	2.63	2.62	2.61	2.60	2.60	2.58	2.56	2.56	2.56	2.56	0.5%
OPEC	29.05	30.93	31.74	32.29	33.09	34.31	35.40	36.34	37.39	38.65	40.05	41.55	43.09	44.75	46.16	47.56	49.14	50.76	52.75	54.82	56.93	58.46	3.2%
Other Developing Countries	4.85	4.96	4.78	4.91	5.05	5.22	5.39	5.56	5.71	5.90	6.07	6.26	6.44	6.63	6.84	7.02	7.25	7.47	7.67	7.89	8.14	8.41	2.7%
Total Developing Countries	40.05	41.98	42.76	43.61	44.70	46.20	47.59	48.94	50.17	51.74	53.45	55.27	57.13	59.12	60.88	62.82	64.58	66.58	68.93	71.39	73.93	76.93	3.0%
Eurasia																							
Former Soviet Union	7.40	7.83	8.17	8.49	8.87	9.26	9.67	10.09	10.55	11.04	11.54	12.03	12.55	12.83	13.13	13.45	13.76	14.10	14.30	14.51	14.73	14.94	3.3%
Eastern Europe	0.24	0.24	0.25	0.26	0.27	0.27	0.28	0.28	0.28	0.28	0.28	0.30	0.31	0.31	0.32	0.32	0.33	0.33	0.34	0.34	0.35	0.36	2.0%
China	3.21	3.26	3.19	3.10	3.10	3.10	3.09	3.09	3.09	3.08	3.08	3.07	3.07	3.07	3.07	3.06	3.06	3.05	3.05	3.04	3.04	3.03	-0.4%
Total Eurasia	10.85	11.33	11.61	11.85	12.24	12.63	13.04	13.47	13.93	14.42	14.92	15.42	15.93	16.22	16.51	16.83	17.14	17.49	17.68	17.90	18.12	18.33	2.4%
Total Production	73.91	76.66	77.98	79.48	81.01	82.89	84.76	86.68	88.57	90.52	92.72	95.06	97.52	99.90	102.30	104.66	107.15	109.63	112.24	114.97	117.55	119.88	2.3%
Consumption																							
OECD																							
U.S. (50 states)	19.53	19.74	19.65	19.89	20.58	21.12	21.62	22.06	22.81	23.09	23.62	24.13	24.69	25.19	25.64	26.05	26.44	26.80	27.22	27.66	28.14	28.54	1.9%
U.S. Territories	0.34	0.35	0.36	0.37	0.38	0.39	0.40	0.40	0.41	0.42	0.42	0.43	0.43	0.43	0.44	0.45	0.45	0.45	0.45	0.46	0.46	0.47	1.5%
Canada	1.93	1.96	2.03	2.02	2.01	2.01	2.02	2.03	2.04	2.05	2.07	2.08	2.08	2.09	2.10	2.10	2.11	2.11	2.11	2.11	2.11	2.11	0.4%
Mexico	1.95	2.03	2.08	2.14	2.20	2.26	2.33	2.40	2.48	2.56	2.65	2.74	2.84	2.95	3.06	3.18	3.31	3.44	3.58	3.74	3.90	4.06	3.5%
Japan	5.57	5.54	5.61	5.61	5.64	5.67	5.65	5.64	5.62	5.61	5.59	5.59	5.59	5.59	5.58	5.58	5.58	5.57	5.56	5.55	5.54	5.52	0.0%
Australia and New Zealand	0.98	1.00	1.02	1.01	1.01	1.01	1.02	1.02	1.04	1.05	1.07	1.09	1.10	1.12	1.14	1.15	1.17	1.19	1.21	1.23	1.25	1.27	1.2%
OECD Europe 3/	14.49	14.53	14.85	15.15	15.31	15.40	15.45	15.51	15.56	15.62	15.69	15.76	15.82	15.88	15.94	15.99	16.05	16.10	16.16	16.22	16.28	16.34	0.6%
Total OECD	44.79	45.16	45.60	46.19	47.13	47.86	48.49	49.07	49.77	50.40	51.10	51.80	52.56	53.25	53.89	54.50	55.09	55.66	56.30	56.96	57.68	58.32	1.3%
Developing Countries																							
Other South & Central America	4.18	4.20	4.22	4.62	4.67	4.74	4.82	5.01	5.20	5.41	5.63	5.86	6.08	6.30	6.56	6.82	7.09	7.36	7.65	7.95	8.26	8.59	3.5%
Pacific Rim	7.87	8.20	8.86	9.24	9.50	9.86	10.23	10.60	10.98	11.37	11.77	12.18	12.60	13.04	13.48	13.94	14.42	14.91	15.41	15.93	16.38	16.89	3.6%
OPEC	5.68	5.81	5.95	6.02	6.19	6.37	6.55	6.74	6.93	7.13	7.34	7.55	7.77	7.99	8.23	8.47	8.72	8.97	9.23	9.51	9.79	10.08	2.8%
Other Developing Countries	2.78	2.85	2.96	3.04	3.11	3.19	3.32	3.47	3.61	3.79	3.98	4.18	4.40	4.62	4.86	5.11	5.38	5.66	5.97	6.30	6.66	7.04	4.8%
Total Developing Countries	20.50	21.15	22.28	22.93	23.46	24.16	24.92	25.81	26.73	27.70	28.72	29.77	30.85	31.97	33.13	34.34	35.60	36.90	38.27	39.69	41.09	42.41	3.5%
Eurasia																							
Former Soviet Union	3.65	3.66	3.74	3.91	4.27	4.53	4.87	4.95	5.08	5.10	5.29	5.55	5.83	6.07	6.33	6.53	6.76	6.94	7.13	7.32	7.49	7.65	3.8%
Eastern Europe	1.53	1.54	1.55	1.55	1.56	1.56	1.56	1.58	1.59	1.60	1.62	1.63	1.64	1.65	1.66	1.67	1.68	1.68	1.68	1.68	1.69	1.69	0.5%
China	4.31	4.53	4.70	4.82	4.89	5.09	5.22	5.47	5.73	6.00	6.29	6.59	6.90	7.22	7.56	7.92	8.30	8.71	9.14	9.60	10.10	10.62	4.1%
Total Eurasia	9.49	9.73	9.99	10.29	10.71	11.17	11.65	11.99	12.38	12.71	13.20	13.77	14.37	14.95	15.55	16.12	16.74	17.33	17.95	18.60	19.06	19.43	3.5%
Total Consumption	74.76	76.99	77.95	79.56	81.31	83.19	85.06	86.98	88.87	90.82	93.02	95.36	97.82	100.20	102.60	104.96	107.45	109.93	112.54	115.27	117.85	120.18	2.3%
Non-OPEC Production	44.85	45.73	46.24	47.19	47.91	48.58	49.36	50.24	51.18	51.86	52.67	53.51	54.43	55.15	56.15	57.10	58.01	58.87	59.50	60.15	60.62	61.42	1.5%
Net Eurasia Exports	1.36	1.61	1.62	1.58	1.53	1.45	1.39	1.47	1.65	1.71	1.73	1.65	1.56	1.27	0.96	0.71	0.40	0.15	-0.27	-0.70	-0.94	-1.11	N/A
OPEC Market Share	0.39	0.40	0.41	0.41	0.41	0.41	0.42	0.42	0.42	0.43	0.43	0.44	0.44	0.45	0.45	0.46	0.46	0.46	0.47	0.48	0.48	0.49	1.0%

1/ Average refiner acquisition cost of imported crude oil.

2/ Includes production of crude oil (including lease condensates), natural gas plant liquids, other hydrogen and hydrocarbons for refinery feedstocks, alcohol, liquids produced from coal and other sources, and refinery gains.

3/ OECD Europe includes the unified Germany.

OECD = Organization for Economic Cooperation and Development - Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Japan, Luxembourg, Mexico, the Netherlands, New Zealand, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, the United Kingdom, and the United States (including territories).

Pacific Rim = Hong Kong, Malaysia, Philippines, Singapore, South Korea, Taiwan, and Thailand.

OPEC = Organization of Petroleum Exporting Countries - Algeria, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, the United Arab Emirates, and Venezuela.

Eurasia = Albania, Bulgaria, China, Czech Republic, Hungary, Poland, Romania, Slovakia, the Former Soviet Union, and the Former Yugoslavia.

Note: Totals may not equal sum of components due to independent rounding. Data for 1999 and 2000 are model results and may differ slightly from official EIA data reports.

Sources: 1999 and 2000 data derived from: Energy Information Administration (EIA), Short-Term Energy Outlook, October 2001.

http://www.eia.doe.gov/pub/forecasting/steo/oldsteo/oc01.pdf. Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.